


Government
Publications



3 1761 11555627 6



Digitized by the Internet Archive
in 2022 with funding from
University of Toronto

<https://archive.org/details/31761115556276>

**Government
Publication**

4571

(30)

FORTY-SIXTH ANNUAL REPORT

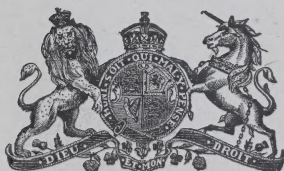
OF THE

DEPARTMENT OF MARINE AND FISHERIES

1912-13

FISHERIES

PRINTED BY ORDER OF PARLIAMENT



OTTAWA

PRINTED BY C. H. PARMELEE, PRINTER TO THE KING'S MOST
EXCELLENT MAJESTY

1913

*To Field Marshal, His Royal Highness Prince Arthur William Patrick Albert,
Duke of Connaught and of Strathearn, K.G., K.T., K.P., &c., &c., &c., Governor
General and Commander-in-Chief of the Dominion of Canada.*

MAY IT PLEASE YOUR ROYAL HIGHNESS:

I have the honour to submit herewith, for the information of Your Royal Highness and the legislature of Canada, the forty-sixth Annual Report of the Department of Marine and Fisheries, Fisheries Branch.

I have the honour to be,

Your Royal Highness's most obedient servant,

J. D. HAZEN,

Minister of Marine and Fisheries.

DEPARTMENT OF MARINE AND FISHERIES,

OTTAWA, NOVEMBER, 1913.

ERRATA.

On page 199: Total marketed value of salt mackerel should be \$675.

On page 200: Total marketed value of fish oil should be \$15,513.

On page 219: Total marketed value should be \$1,379,905.

On page 250, the number of men in boats should be 915.

In line 32 on page 266, 21 lbs. should read 2 lbs.

TABLE OF CONTENTS.

	PAGE.
Deputy Minister's Report.	xiii

Subjects Treated Therein.

Biological Stations of Canada.	xiii
International Fisheries Commission.	xv
Transportation of Fresh and Mildly Cured Fish.	xv
Fisheries Exhibit at Toronto Exhibition.	xvii
Daily Bait Reports.	xviii
General Review.	xviii
Review of the Fisheries of each Province.	xxv
Fisheries Expenditure and Revenue, Fishing Bounty, &c., &c., &c.	xlvi

Appendices.

Photographs of Fishing Scenes.

Expenditure and Revenue.	1
Fishing Bounties.	8
Fishery Officers' Reports and Statistics.	39
Imports and Exports of Fish.	317
Prosecutions for Violation of the Fisheries Act.	322
Fisheries Patrol Service.	324
United States Fishing Vessel Entries.	334
Oyster Culture.	344
Canadian Fisheries Museum.	351
Fish Breeding.	356
Hudson Strait Fisheries.	399
The Outside Fisheries Staff.	401

ALPHABETICAL INDEX

TO THE

FISHERIES REPORT

1912-13

A

	PAGE.
Alberta, Résumé of fisheries of.	xxxii
Report of Inspector.	273
Statistics of fisheries.	280
Albert county, N.B., Returns of vessels, boats, &c.	179
fish.	182
Annapolis county, N.S., Returns of vessels, boats, &c.	127
fish.	148
Antigonish county, N.S., Returns of vessels, boats, &c.	74
fish.	92
Areas, Extent of fisheries and coast line.	xviii

B

Bait Reports, Daily.	xviii
Bernard, C. A., Inspector, Quebec, Report.	224
Biological marine work, Reference to.	xiii
Bonaventure county, P.Q., Returns of vessels, boats, &c.	228 & 230
fish.	232
Bounties, Fishing, Regulations.	8
Statement of claims received and paid, 1912.	11
General statistics.	14
Statement of claims received and paid since 1882.	15
Names of all vessels receiving bounties, 1912-13.	20
British Columbia, Résumé of fisheries of.	xxxiii
Reports of inspectors.	286
Statistics of fisheries, Southern district.	300
Northern district.	302
Vancouver island.	307
Recapitulation of yield and value of fish.	314
Recapitulation of fishing material.	315

C

	PAGE.
Calder, J. F., Inspector, N.B., Report..	161
Cape Breton county, N.S., Returns of vessels, boats, &c...	48
fish..	58
Chapman, R. A., Inspector, N.B., Report..	164
Charlotte county, N.B., Returns of vessels, boats, &c...	168
fish..	170
Capital invested, Summary of..	xl
Colchester county, N.S., Returns of vessels, boats, &c...	72
fish..	88
Culture of fish (<i>see</i> 'F').	
Cumberland county, N.S., Returns of vessels, boats, &c...	72
fish..	85

D

Deputy Minister's Report..	xiii
Digby county, Returns of vessels, boats, &c...	124
fish..	144

E

Expenditure, on Fishery services..	1
Salaries and disbursements of fishery officers...	2
Fish breeding...	3
Fisheries patrol service..	5
Comparative statement..	6
Exports of fish..	318
Exhibit, Toronto Exhibition..	xvii

F

Fisher, Ward, Inspector, N.S., Report..	43
Fish breeding, Report by J. A. Rodd..	356
Expenditure..	3
Fishing bounties (<i>see</i> letter 'B').	
Fishery officers (outside staff)..	401
Fisheries patrol service, Reports on...	327
Foster, J. T., Inspector, Ontario, Report..	254

G

Gaspé county, Que., Returns of vessels, boats, &c...	228 & 230
fish..	232
General statement <i>re</i> fisheries..	xviii
Gloucester county, N.B., Returns of vessels, boats, &c...	178
fish..	182
Guysboro county, N.S., Returns of vessels, boats, &c...	76
fish..	96

SESSIONAL PAPER No. 22

H

	PAGE.
Halifax county, N.S., Returns of vessels, boats, &c.	80
fish.	104
Halkett, Andrew, Curator of the Ottawa Museum, Report.	351
Hants county, N.S., Returns of vessels, boats, &c.	84
fish.	112
Harrison, H. E., Inspector, N.B., Report.	165
Hockin, Robert, Inspector, N.S., Report.	40
Howell, J. A., Inspector, Manitoba, Report.	258
Hurst, J. S., Inspector, Ontario, Report.	255
Hudson Strait Fisheries, Report of.	399

I

International Fisheries Commission.	xv
Inspectors of Fisheries, Names and districts.	401
Reports from (<i>see each Province</i>).	
Inverness county, N.S., Returns of vessels, boats, &c.	52
fish.	66
Imports of fish.	317

J

Johnston, A., Deputy Minister, Report.	xiii
--	------

K

Kemp, E., Report on oyster culture.	344
Kent county, N.B., Returns of vessels, boats, &c.	179
fish.	182
Kings county, N.S., Returns of vessels, boats, &c.	126
fish.	152
Kings county, P.E.I., Returns of vessels, boats, &c.	204
fish.	210

L

Lunenburg county, Returns of vessels, boats, &c.	116
fish.	128

M

Magdalen Islands fisheries.	232
Manitoba, Résumé of fisheries of.	xxx
Report of inspector.	258
Statistics of fisheries.	260
Marine biological stations, Reference to.	xiii
Matheson, J. A., Inspector, P.E.I., Report.	202
Miller, E. W., Chief Inspector, Saskatchewan, Reports.	263

Mc

McDonald, G. C., Inspector, Sask., Report.	270
McLeod, A. G., Inspector, N.S., Report.	39

N

	PAGE.
Natural History Report, by Andrew Halkett..	351
New Brunswick, Résumé of fisheries of..	xxvii
Reports of inspectors..	161
Statistics of fisheries..	168
Inland counties, Returns for..	192
Recapitulation of yield and value of fish..	199
Recapitulation of fishing material..	201
List of vessels receiving bounties..	32
Northumberland county, N.B., Returns of vessels, boats, &c..	178
fish..	182
Nova Scotia, Résumé of fisheries of..	xxv
Reports of inspectors..	39
Statistics of fisheries..	46
Recapitulation of yield and value of fish..	158
Recapitulation of fishing material..	160
List of vessels receiving bounties..	20

O

Ontario, Résumé of fisheries of..	xxxii
Reports of inspectors..	254
Statistics of fisheries..	257
Oyster culture report, by Ernest Kemp, Oyster Expert..	344

P

Persons employed, Summary of..	xli
Pictou county, N.S., Returns of vessels, boats, &c..	74
fish..	90
Prince county, P.E.I., Returns of vessels, boats, &c..	208
fish..	217
Prince Edward Island, Résumé of fisheries of..	xxix
Report of inspector..	202
Statistics of fisheries..	204
Recapitulation of yield and value of fish..	219
Recapitulation of fishing material..	220
List of vessels receiving bounties..	37
Prosecutions for violation of the Fisheries Act..	322

Q

Quebec, Résumé of fisheries of..	xxx
Reports of inspectors..	221
Statistics of fisheries for Gulf division..	228
Statistics of fisheries for Inland division..	243

SESSIONAL PAPER No. 22

	PAGE.
Recapitulation of yield and value of fish.. . . .	251
Recapitulation of fishing material.. . . .	253
List of vessels receiving bounties.. . . .	38
Queens county, N.S., Returns of vessels, boats, &c.. . . .	118
fish.. . . .	132
Queens county, P.E.I., Returns of vessels, boats, &c.. . . .	206
fish.. . . .	214

R

Recapitulation of yield and value of fish for whole of Canada.. . . .	xxii
Recapitulation of fishing material for whole of Canada.. . . .	xli
Reports of inspectors (<i>See</i> under each province).	
Restigouche county, N.B., Returns of vessels, boats, &c.. . . .	178
fish.. . . .	182
Résumé of fisheries of each province.. . . .	xxv
Revenue, Statement of.. . . .	4
Comparative statement of.. . . .	6
Richmond county, N.S., Returns of vessels, boats, &c.. . . .	46
fish.. . . .	54
Riendeau, Joseph, Inspector, Quebec, Report.. . . .	225
Rimouski county, Que., Returns of vessels, boats, &c.. . . .	229
fish.. . . .	233

S

Saguenay county, Que., Returns of vessels, boats, &c.. . . .	229
fish.. . . .	233
St. John county, N.B., Returns of vessels, boats, &c.. . . .	168
fish.. . . .	170
Saskatchewan Résumé of fisheries of.. . . .	xxxii
Report of inspector.. . . .	270
Statistics of fisheries.. . . .	277
Shelburne county, Returns of vessels, boats, &c.. . . .	120
fish.. . . .	136
Sheppard, O. B., Inspector, Ontario, Report.. . . .	255
Staff, outside officers.. . . .	401
Statement, Recapitulating the value of fish since 1870.. . . .	xliii
fishing gear, &c.. . . .	xlvi
number of fishermen, &c.. . . .	xlvi
Statistics of fisheries (<i>See</i> under each province).	

T

Taylor, E. G., Inspector, B.C., Report.. . . .	299
Transportation of fresh fish.. . . .	xv
Tanner, Thomas, Report on Hudson Strait.. . . .	399

U

United States fishing vessel entries, Atlantic ports..	334
United States fishing vessels holding modus vivendi licenses..	342

V

Value of fisheries (<i>See</i> also each province)..	xx
Victoria county, N.S., Returns of vessels, boats, &c..	50
fish..	62

W

Wakeham, Wm., M.D., Inspector, Quebec, Report..	221
Westmorland county, N.B., Returns of vessels, boats, &c..	179
fish..	182
Williams, J. T., Inspector, B.C., Report..	292
Willson, J. D., Inspector, Alberta, Report..	273

Y

Yarmouth county, N.S., Returns of vessels, boats, &c..	122
fish..	140
Yukon Territory, Résumé of fisheries..	xxxii
Statistics of fisheries..	283

DEPUTY MINISTER'S REPORT

To the Honourable

J. D. HAZEN,

Minister of Marine and Fisheries,

SIR,—I have the honour to submit the forty-sixth annual report of the Fisheries Branch of this Department, which is for the fiscal year ended March 31, 1913.

To it are appended nineteen reports, and a list of the names of the outside staff, in the following order:—

- No. 1. Fisheries Expenditure and Revenue.
2. Fishing Bounty.
3. Nova Scotia Fisheries.
4. New Brunswick Fisheries.
5. Prince Edward Island Fisheries.
6. Quebec Fisheries.
7. Ontario Fisheries.
8. Manitoba Fisheries.
9. Saskatchewan and Alberta Fisheries.
10. Yukon Fisheries.
11. British Columbia Fisheries.
12. Imports and Exports of Fish.
13. Prosecutions for violation of the Fisheries Act.
14. The Fisheries Patrol Service.
15. United States Fishing Vessel Entries.
16. Oyster Culture.
17. Canadian Fisheries Museum.
18. Fish Breeding.
19. Fisheries of Hudson Strait.
20. The Outside Fisheries Staff.

BIOLOGICAL STATIONS OF CANADA.

The three stations established by the Dominion Government for the investigation of fishery and marine problems are in charge of the Biological Board which was given a new status by Act of Parliament 2 George V, April 6, 1912, and this year exercised its additional powers under the direction of the Minister of Marine and Fisheries.

Some changes occurred in the staff of the stations enabling a more continuous scheme of work to be carried out than in previous years, when the responsible control was exercised by a member of the Board who was appointed Director for the season. The members of the Board having important official and professional duties elsewhere, found themselves able for a time only during the season of work to actually supervise the researches carried on.

ST. ANDREWS BIOLOGICAL STATION.

The staff of university professors and of assistant university professors and post-graduate students have felt the advantage of the presence of senior workers, members of the Biological Board and it enabled them to profit by the larger experience and practical knowledge of the seniors, but it did not allow of the continuity for solving important fishery problems. Hence the Board appointed Dr. A. G. Huntsman who has had much experience in British Columbia and at the Georgian Bay station, to take responsible charge as Curator 1912-13, at St. Andrews.

He did so with great benefit to the station's work. Quite a large staff carried on investigations including Professors Macallum, Toronto; Willey, Montreal; McMurrich, Toronto; Bailey, Fredericton; Knight, of Kingston, and others, and the problems undertaken were:

1st. Experiments with lobster traps, especially with respect to Order in Council December 13, 1910, which require a wide-lath space in such traps.

2nd. The food qualities of soft-shell lobsters, specimens being procured and boiled and sealed for analysis in the laboratories of Toronto University.

3rd. The viability of various fishes, especially food fishes, after being frozen alive.

4th. Deep-sea investigations on the fishing grounds.

5th. Faunistic studies including the preparation of three sets of specimens for the Victoria Memorial Museum, Ottawa, the Fisheries Museum, Ottawa, and the Imperial Institute, London.

GEORGIAN BAY STATION.

The Georgian Bay station was under the care of Dr. E. M. Walker, of Toronto University, and a qualified staff carried on work, including Dr. Klugh and Professor MacClement, who especially devoted their attention to the aquatic insects and plants, valuable as food for the fishes in the Great Lakes.

The staff had the advantage of a new launch built in Toronto, the want of which had hampered the work. This station fulfils an important need and so much so that in the United States the founding of a similar station has been advocated. Indeed an important Ohio journal published the following statement on this matter. 'What is needed on the Great Lakes is a permanent biological station, with a staff of trained scientific men, which should be devoted to the ascertaining of all the facts regarding our food fishes, the methods of replenishing the waters and of protecting the young fry against their natural enemies—those varieties of fish which prey upon them, while themselves valueless as food. A bill for this purpose was introduced in the Senate at the present session by Senator McMillan, of Michigan. The committee on fisheries, to which it was referred, has reported it favourably through Senator Bard, the chairman,—it carries an appropriation of about \$10,000, which is ample to inaugurate this important work.'

BRITISH COLUMBIA STATION.

This station suffered a severe loss by the death of Rev. G. W. Taylor on August 22, 1912; and Dr. C. McLean Fraser, of Iowa University, was appointed to fill the vacancy and began his duties in October 1912. A new wharf was completed soon after Dr. Fraser arrived and steps were taken to procure a gasoline launch of some size, suitable for making trips to more or less distant localities where important fishery questions had arisen.

SESSIONAL PAPER No. 22

Dr. Fraser began some valuable investigations on the breeding, eggs and life-history of the herring which abound in Departure bay waters, near the station. He also completed a very elaborate study of the hydroids of British Columbia shores, these being important as food for fishes.

He also studied the eggs of the blue cod (*Ophiodon*), these eggs being procured at the station for the first time by any scientific observer.

Professor McMurrich of Toronto visited the principal halibut banks of the north and studied the growth of the young halibut but was not able to procure the eggs. He has also published a paper on the young stages of the various British Columbia salmon. One of the questions which occupied the staff at the station was the destruction of seals infesting the estuary of the Fraser river. These animals damage the valuable salmon to a serious extent each season. Several plants of lobsters from the Atlantic coast having been made; namely 600 in 1896; about 1,000 in 1905 and 1,620 in 1908, arrangements were made for testing the results; but these up to the present time have been of a negative character. Other problems were the injurious effect of seines at Point Grey; the life-history of the oyster and other shell-fish and faunistic studies generally.

INTERNATIONAL FISHERIES COMMISSION.

The regulations, which were prepared by the commissioners appointed under the treaty of April 11, 1908, have not yet been promulgated. While this is a matter for much regret, it is one for which Canada must disclaim responsibility. A code of regulations was agreed upon by the Commissioners on the 29th of May, 1909. During the following session of Parliament, the Fisheries Act was amended, so as to enable these regulations to be proclaimed as contemplated by Article 3, of the treaty; but up to the present, the United States Congress has failed to approve the regulations, and to provide the necessary legislation to enable them to be enforced in that country.

In May, 1911, Dr. David Star Jordan, United States representative on the Commission, resigned. In April, 1912, Honourable Job E. Hedges of New York city, was appointed to succeed him.

In view of the vast importance of adequately protecting the valuable fisheries in the various waters contiguous to the boundary line, which experience indicates can best be done by the Federal Government of both countries, Canada would be very reluctant to withdraw from the treaty, and resume her liberty of action. It is hoped that after further consideration of the matter, Congress will in the near future take the necessary measures to enable the regulations to be promulgated.

RE TRANSPORTATION OF FRESH AND MILDLY CURED FISH.

The Department's policy in aiding in the stimulation and development of the trade in fresh and mildly cured fish in the interior portions of the country, by placing at the disposal of the shippers cheap rates and additional facilities and equipment, is having most gratifying results.

Prior to the time that the Department undertook to assist such markets as those in Montreal and Toronto were being very largely supplied from United States sources. The Canadian business was so small that the railways did not find it feasible to place

cold storage cars, which would be hauled by fast freight, at the disposal of the shippers and the express rates were so high that successful competition with United States shippers was not found possible. This will be realized from the following: The express rate on fish from Halifax and Mulgrave is \$1.50 per 100 lbs., while from Portland the rate is but 80 cents. As, however, there is an import duty of 1 cent per lb. the gross rate is \$1.80. The advantage of 30 cents per 100 lbs. to the Canadian shipper was more than offset by the fact that at United States ports, owing to the very large number of vessels operating therefrom, a supply of fish could always be relied upon, and as the haul is short, orders could be sent up to within a few hours before the consignments were needed. Along the Canadian coast the demand for fresh fish was comparatively small and uncertain. Hence no great effort was being made by the fishermen to land fish during unfavourable weather, so that dealers could not rely on having their orders filled exactly when required, which is an absolute necessity in the carrying on of a successful business in the sale of fish.

To overcome these disadvantages and to assure, not only the Canadian market being supplied from Canadian sources, but a rapid expansion of such markets as well, the Department took up the question of procuring better rates and shipping facilities. The railway and express companies did not, however, see their way clear to do more than they were doing, keeping in view the volume of the business that seemed available. The Department, therefore, arranged to have the railway place at the disposal of the shippers a cold storage car on two days each week, which car would be hauled by fast freight to Montreal. To enable this to be done the Department guaranteed that the earnings on these cars would be at least two-thirds those on a minimum carload lot of 20,000 lbs., at carload lot rates from the point of starting to destination, plus \$4 per car for icing.

This service has proved a great boon to the trade. While it cost the Department a considerable amount annually for the first few years, it is now being taken advantage of to such an extent that it is practically self-sustaining.

While a cold storage freight service is efficient for the supplying of a substantial market, such as that of Fridays, it soon became apparent that if a considerable demand for fish on other days were to be worked up, express facilities at reasonable rates must be available to the shippers.

The Department consequently arranged with the express companies to accept responsibility for one third of the ordinary express rates on all shipments of fresh and mildly cured fish including shell-fish, from the Atlantic coast as far west as the eastern boundary of Manitoba, and from the Pacific coast as far east as the said boundary. This gave the shippers from Halifax or Mulgrave a rate of \$1 per 100 lbs. to Montreal, and proportionately from intervening points, or an advantage to the Canadian coast dealers of at least 80 cents per 100 lbs. over the United States shipper.

With such facilities and rates the Canadian dealers did not take long to demonstrate that they could control the situation. Not only has the importation of fresh fish along the Canadian Atlantic coast been stopped from the United States, but the demand in the Canadian markets is being very rapidly expanded.

While the dealers on the Pacific coast have for several years been sending fish through to Toronto and Montreal in carload lots, on which they are given a rate of \$3 per 100 lbs., the express charges in less than carload lots to the Prairie Provinces were

SESSIONAL PAPER No. 22

so high that the working up of any large trade there seemed out of the question. The rate from Vancouver or New Westminster to Calgary is \$3.50 per 100 lbs., and to Edmonton, Qu'Appelle or Winnipeg \$4.50 per 100 lbs.

With the cheaper rate given owing to the departmental assistance the trade has increased wonderfully and now shipments are being sent in carload lots to quite an extent making departmental assistance unnecessary.

How the business from the East and from the West, by express alone, has been expanding will be gathered from the following figures, which show the amounts paid by the Department as its share of the express charges:—

Year.	On Shipments from East.	On Shipments from West.
	\$ cts.	\$ cts.
1909-10.....	15,162 20	13,541 76
1910-11.....	16,898 13	21,896 73
1911-12.....	19,620 62	35,315 10
1912-13.....	29,969 48	39,277 13

These figures as above indicated do not take account of the shipments that are made by fast freight from the Atlantic coast.

In addition to this business, in the fall and early winter of the year large shipments and carload lots are made from the Atlantic coast to points as far west as the Pacific coast, and throughout the year shipments of halibut and salmon are made in carload lots from the Pacific coast to Toronto and Montreal.

Experience has shown that to assure fresh fish packed in ice reaching distant points with the ice still unmelted, refrigerator cars are needed even by express, and it is hoped that in the near future it will be found feasible to place at the disposal of the shippers such cold storage facilities.

FISHERIES EXHIBIT AT TORONTO EXHIBITION.

While, as previously shown, the development in the trade has been very rapid, every advance has shown the possibility of making still farther advances. There seems no room for doubt that if the people had forced upon their attention the fact that with efficient transportation facilities fresh fish in first class condition and at reasonable prices can be placed at their disposal in practically all parts of the country, the demand therefor would be enormously increased. The Department has felt that the above facts could most readily be brought to the attention of the largest number of people by the making of a thoroughly representative fisheries exhibit at the Canadian National Exhibition at Toronto, as this fair is visited by people from all parts of Canada. Owing to the large expense involved none of the individual firms found it feasible to undertake such an exhibit. The Department has consequently decided to do so, and an appropriation has therefore been asked for, to enable such an exhibit to be given during the next exhibition.

DAILY BAIT REPORTS.

One of the main hindrances to the successful prosecution of the fishery for cod, haddock, hake, etc., by hook and line, during the summer months, is the curtailment of the actual fishing period, by the weeks annually spent, especially by the larger vessels, in searching for bait from harbour to harbour, without any definite knowledge to guide them in locating supplies. In an endeavour to rectify this, as far as possible, the Department, during the past summer, put into operation a system, whereby definite information concerning bait supplies along certain stretches of the coast, was collected by the local officer of the Department, and despatched daily by telegraph to certain important seaports on the Atlantic sea-board, and there posted up for the information of masters and owners of fishing vessels.

The number of ports selected as receiving stations had necessarily to be limited. In order, therefore to insure a more general diffusion of the information, and to extend to the smaller fishing ports the benefit of direct advice as to available supplies of bait, copies of all telegrams were handed to the Halifax morning papers, with the request that the information be published in their columns daily. This request was kindly complied with, and the information spread accordingly.

As far as could be ascertained, at the time of writing, this telegraphic intelligence has given the utmost satisfaction, and been of very great and real benefit to all concerned.

GENERAL REVIEW.

EXTENT OF FISHERIES.

To say that Canada possesses the most extensive fisheries in the world is no exaggeration; moreover, it is safe to add that the waters in and around Canada contain the principal commercial food fishes in greater abundance than the waters of any other part of the world. The extraordinary fertility of what may be called our own waters is abundantly proved by the fact that, apart from salmon, all the lobsters, herring, mackerel and sardines, nearly all the haddock, and many of the cod, hake, and pollock landed in Canada are taken from within our territorial waters.

The coast line of the Atlantic provinces, from the Bay of Fundy to the Straits of Belle Isle, without taking into account the lesser bays and indentations, measures over 5,000 miles; and along this great stretch are to be found innumerable natural harbours and coves, in many of which valuable fish are taken in considerable quantities with little effort.

On the Pacific coast, the province of British Columbia, owing to its immense number of islands, bays and fiords, which from safe and easily accessible harbours, has a sea-washed shore of 7,000 miles.

Along this shore and within the limits of the territorial waters, there are fish and mammals in greater abundance, probably than anywhere else in the whole world.

In addition to this immense salt-water fishing area, we have in our numerous lakes no less than 220,000 square miles of fresh water, abundantly stocked with many species of excellent food fishes. In this connection, it may be pointed out that the area of the distinctly Canadian waters of what are known as the Great Lakes—

SESSIONAL PAPER No. 22

Superior, Huron, Erie and Ontario,—forms only one-fifth part of the total area of the larger fresh-water lakes of Canada.

The fisheries of the Atlantic coast may be divided into two distinct classes: the deep-sea, and the inshore or coastal fisheries.

The deep-sea fishery is pursued in vessels of from 40 to 100 tons, carrying crews of from 12 to 20 men. The fishing grounds worked on are the several banks, which lie from 20 to 90 miles off the Canadian coast. The style of fishing is that of 'trawling' by hook and line. The bait used is chiefly herring, squid and capelin; and the fish taken are principally cod, haddock, hake, pollock and halibut.

The inshore or coastal fishery is carried on in small boats with crews of from two to three men; also in a class of small vessels with crews of from four to seven men. The means of capture employed by boat fishermen are gill-nets, hooks and lines, both hand-line and trawl; and from the shore are operated trap-nets, haul-seines and weirs. The commercial food fishes taken inshore are the cod, hake, haddock, pollock, halibut, herring, mackerel, alewife, shad, smelt, flounder and sardine. The most extensive lobster fishery known is carried on along the whole of the eastern shore of Canada, whilst excellent oyster beds exist in many parts of the Gulf of St. Lawrence notably on the north coast of Prince Edward Island, and in the Northumberland strait.

The salmon fishery is, of course, the predominant one on the Pacific coast; but a very extensive halibut fishery is carried on in the northern waters of British Columbia in large, well-equipped steamers and vessels. The method of capture is by trawling, dories being used for setting and hauling the lines, as in the Atlantic deep-sea fishery. Herring are in very great abundance on the Pacific coast, and provide a plentiful supply of bait for the halibut fishery.

In the inland lake fisheries, the various means of capture in use are gill-nets, pound-nets, seines and hook-and-line to a great extent. The principal commercial fishes caught are whitefish, trout, pickerel, pike, sturgeon and fresh water herring—the latter in the Great lakes of Ontario only.

VALUE OF THE FISHERIES.

The total marketed value of all kinds of fish, fish products and marine animals taken by Canadian fishermen, from the sea and the inland lakes and rivers, during the fiscal year ended March 31, 1913, amounted to \$33,389,464.

This total falls short of that for the preceding year by \$1,278,408. It has to be pointed out, however, that last year's total was \$4,702,439 greater than any other previous total, so that the result for the year under review is substantially greater than that for any year other than 1912-13.

To the total the sea fisheries contributed \$29,315,772, and the inland fisheries \$4,073,692.

These results were produced by 65,081 fishermen, who manned 1,669 vessels and tugs, and 34,501 boats; together with 23,327 workers who were employed on shore in the various canneries, fish-houses, etc., preparing the fish for market.

In the course of the year the number of boats using gasoline engines, as a means of propulsion, was raised to 5,911 by the addition of 331.

4 GEORGE V., A. 1914

The following table shows the value produced from the fisheries of each province in its respective order of rank, with the increase or decrease as compared with the year 1911-12:—

Provinces.	Value Produced.	Increase.	Decrease.
	\$	\$	\$
British Columbia.....	14,455,488	778,363	
Nova Scotia.....	7,384,055		1,983,495
New Brunswick..	4,264,054		622,103
Ontario.....	2,842,878	637,442	
Quebec.....	1,988,241	120,105	
Prince Edward Island.....	1,379,905	183,509	
Manitoba.....	800,149		313,397
Saskatchewan ..	111,839		27,597
Yukon Territory.....	111,239		586
Alberta.....	51,616		50,709
Totals.....	33,389,464	1,719,419	2,997,827
Net decrease.....			1,278,408

The table shows that British Columbia again contributed a large increase chiefly as a result of an increased halibut catch, and of further developments in the herring fishery.

The very largely diminished value shown against Nova Scotia is the result of stormy weather throughout the fishing season of 1912, which made deep-sea fishing particularly difficult, and greatly curtailed the catches of cod, haddock, halibut and lobsters.

The considerable decrease recorded against New Brunswick is due almost entirely to the low price of sardine herring in Charlotte County.

These fish were as plentiful as ever, but in consequence of the canned sardine market in the United States becoming overstocked, fishermen allowed many big catches to escape from the weirs.

The following table shows the quantity of the chief kinds landed in the whole of Canada during 1912-13, and during the two preceding years:—

Kinds of Fish.		1912-13.	1911-12.	1910-11.
Salmon.....	Cwts.	1,253,997	1,136,732	970,439
Lobsters.....	"	555,138	589,141	579,103
Cod.....	"	1,729,070	2,097,260	3,146,897
Haddock.....	"	503,822	530,221	456,719
Hake and Cusk.....	"	349,395	275,755	283,479
Pollock.....	"	143,324	250,881	230,813
Halibut.....	"	282,658	245,609	235,781
Herring.....	"	2,484,673	2,251,278	2,035,331
Makerel.....	"	107,964	90,141	55,241
Sardines.....	Brls.	281,548	404,383	180,488
Alewives.....	Cwts.	117,614	75,567	84,406
Smelts.....	"	102,360	81,748	86,682
Whitefish.....	"	140,404	131,515	127,723
Trout.....	"	73,664	80,638	79,112
Pickeral.....	"	64,839	79,610	78,306
Pike.....	"	62,492	80,328	90,244
Sturgeon.....	"	10,035	9,145	10,364
Oysters.....	Brls.	23,377	31,746	29,727
Clams and Quahaugs.....	"	105,303	103,347	96,972

SESSIONAL PAPER No. 22

The following table shows the relative values of the chief commercial fishes returning \$100,000 and upwards, in their order of rank for the year under review, with the amount of increase or decrease, when compared with the values for the year 1911-12:—

Kinds of Fish.	Value.	Increase.	Decrease.
	\$	\$	\$
Salmon.....	10,025,523		307,547
Lobsters.....	4,571,014		219,189
Cod.....	3,368,750		883,010
Herring.....	3,350,546	805,055	
Halibut.....	2,719,616	440,792	
Haddock.....	1,065,536		250,882
Whitefish.....	1,054,925	119,475	
Smelts.....	982,800	202,280	
Trout.....	709,078		109,423
Sardines.....	688,752		552,774
Makerel.....	635,293		27,987
Pickarel.....	465,462		71,249
Hake and Cusk.....	400,180	36,289	
Pike.....	319,476		47,010
Clams and Quahangs.....	314,047		18,756
Crabs, Cockles, etc.....	213,740	154,007	
Pollock.....	178,294		150,310
Alewives.....	163,247	40,231	
Oysters.....	142,602		69,694
Sturgeon.....	133,109	19,685	

In the table which follows, the total results of the sea and inland fisheries are given separately. In the first two columns are shown the catch of all kinds of sea fish, and its value as realized at the vessel's or boat's side; while in the third and fourth columns are shown the various modes in which the catch was marketed, and the market value of each kind of fish. In the fifth and sixth columns are shown the quantity and value of all kinds of fresh-water fish caught and marketed. Such fish being practically all marketed by the fishermen in its fresh state, no distinction is made between the value of the catch as landed, and its marketed value. In the outer columns are shown the total marketed quantities of the various kinds of both sea and freshwater fish and the market values of the same.

REPORT OF THE DEPUTY MINISTER

xiii

SESSIONAL PAPER No. 22

Pollock.	143,324	130,365	22,951	23,832	22,951	23,832	178,294
" used fresh.	"	"	40,138	154,462	40,138	154,462	
" dried	"	"	"	"	"	"	
Herring.	2,302,496	1,874,351	140,897	458,066	182,177	859,144	
" used fresh.	"	"	299,395	449,093	299,395	449,093	
" dry salted	"	"	123,219	393,142	123,219	393,142	
" smoked	"	"	156,940	637,224	156,940	637,224	
" pickled.	"	"	288,570	443,118	288,570	443,118	
" used as bait.	"	"	179,029	90,759	179,029	99,759	
" used as fertilizer	"	"	"	"	"	"	3,350,546
Mackerel.	107,964	542,731	55,305	388,306	55,305	388,306	
" used fresh.	"	"	17,558	246,987	17,558	246,987	
" salted	"	"	"	"	"	"	635,293
Shad.	4,630	30,788	3,526	26,826	4,344	34,642	
" used fresh.	"	"	364	5,460	464	7,460	
" salted	"	"	"	"	"	"	42,102
Alewives	111,768	104,645	36,153	47,524	5,846	8,769	
" used fresh.	"	"	25,196	106,954	25,196	106,954	
" salted	"	"	"	"	"	"	163,247
Sardines	281,548	280,415	84,977	454,885	84,977	454,885	
" canned.	"	"	263,601	263,867	263,601	263,867	
" sold fresh and salted	"	"	"	"	"	"	688,752
Halibut, (fresh).	282,658	1,736,784	282,658	2,719,616	282,658	2,719,616	
Flounders.	6,963	13,816	6,963	23,190	6,963	23,190	
Smelts.	102,360	595,134	102,360	982,800	102,360	982,800	
Trout.	5,726	55,792	5,726	72,272	73,698	709,078	
Oulachans.	14,795	73,175	14,795	78,950	14,795	78,950	
Sturgeon.	5,109	35,647	5,109	76,055	4,926	133,109	
Bas.	2,014	19,404	2,014	23,787	3,060	36,973	
Eels.	4,671	23,813	4,671	31,949	10,16	63,695	
Tom Cod.	21,112	31,181	21,112	41,314	20,466	41,314	
Swordfish.	6,557	32,499	6,557	47,349	6,557	47,349	
Oysters.	23,377	103,686	23,377	142,602	23,377	142,602	
Clams and Onahaugs.	105,303	158,439	70,254	151,270	70,254	151,270	
" used fresh	"	"	35,049	162,777	35,049	162,777	
" canned	"	"	"	"	"	"	314,047
Squid, (bait fish)	3,160	9,592	3,160	12,112	3,160	12,112	
Mixed fish.	23,302	70,454	23,302	73,408	137,886	469,659	
Whitefish.	"	"	"	"	1,054,925	1,054,925	
Pickarel.	"	"	"	"	64,839	465,462	
Pike.	"	"	"	"	319,476	319,476	
Perch.	1,306	7,836	1,306	13,060	62,492	93,677	
					80,614	93,677	

RECAPITULATION—*Concluded*

On the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for the **whole of Canada**, during the year 1912-13.

Kinds of Fish.	Sea Fisheries.				Inland Fisheries.		Both Fisheries.		Total Marketed Value
	Caught and Landed.		Marketed.		Caught and marketed.		Total Marketed.		
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
Cat-fish.....		\$		\$		\$		\$	\$
Maskinongé.....					6,320	50,568	6,320		50,568
Tullibee.....					124	1,639	124		1,639
Albacore.....	2,914	5,861	2,914	12,829	13,463	44,991	13,463		44,991
Capelin.....	17,464	4,366	17,464				17,464		12,829
Soles.....	3,520	17,600	3,520	35,200			3,520		4,366
Skate.....	898	2,694	898						35,200
Whiting.....	500	1,750	500	7,184					7,184
Oetopus.....	245	1,715	245	3,675					5,000
Shrimps.....	27	270	27	540					3,675
Whale oil.....			1,518,706	509,551			1,518,706		540
Whale Fertilizer.....				77,086			2,151		509,551
Salmon Roe.....			2,151				2,151		77,086
Guano.....			2,000	10,000			2,000		10,000
Fish Glue Stock.....			461	15,982					15,982
Tongues and Sounds.....			1,010	17,170			1,010		17,170
Caviare, (sturgeon roe).....			2,275	22,181	876	526	3,151		22,707
Crabs, Dulse, Cockles and other shell fish.....					96	9,693	96		9,695
Fur Seal Skins.....	25,257	88,840	* 23,236	213,740			23,236		213,740
Beluga Skins.....			265	6,150			265		1,150
Whales.....			18,618	20,968			18,618		20,964
Fish Oil.....	1,197	395,100	47	235			47		235
Totals.....		16,766,386	381,200	122,922			381,200		122,922
				29,315,772		4,073,692			33,389,464

* The Dulse included is dried.

SESSIONAL PAPER No. 22

REVIEW OF THE FISHERIES OF EACH PROVINCE.

NOVA SCOTIA.

The total marketed value of the fish and fish products of this province for the year under review amounted to \$7,384,055.

This, when compared with the total for the preceding year, shows a decrease amounting to no less than \$1,983,495.

This big decrease is due principally to a shortage in the catch of cod, haddock, halibut and lobsters; the value of which dropped \$934,720, \$263,886, \$164,872 and \$301,935 respectively.

Stormy weather throughout the summer and fall of 1912 made deep-sea fishing more than usually hazardous, and to this alone must be attributed the diminished yield.

Compared with the preceding year, there were 123 more men employed on vessels and 341 more in boats; while of fish workers there were 1,672 fewer employed on shore.

The results in the various inpectoral districts of the province were as follows:—

District No. 1.

The marketed value of the fisheries of this district, which comprises the whole island of Cape Breton, amounted to \$913,217; this is \$76,098 less than the value for the preceding year.

The mackerel catch in Inverness county was the best in many years. Dogfish were not nearly so numerous as in former years.

Unfavourable weather conditions, scarcity of bait, and a tendency on the part of the younger men to give up fishing, owing to greater opportunities of obtaining ready money at other employment, are the chief causes of the falling off in the year's results. The totals of the chief kinds landed in the district during the year and those landed during the two preceding years, were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon.....	1,903	2,690	1,982
Lobsters.....	53,221	49,250	43,484
Cod.....	101,696	146,440	169,599
Haddock.....	70,220	95,708	82,443
Hake.....	6,541	6,384	10,397
Pollock.....	7,141	10,244	23,033
Herring.....	47,886	33,621	39,449
Mackerel.....	19,882	8,883	9,071

In the district there were 26 more men in vessels, and 452 fewer men in boats. Of gasoline boats there were in use 179; an increase of 89 over the previous year.

District No. 2.

This district comprises the counties of Halifax, Guysboro, Antigonish, Pictou, Cumberland, Colchester and Hants. During the year under review its fisheries produced a total marketed value of \$2,176,181. This is \$766,275 less than the total for

4 GEORGE V., A. 1914

the preceding year. A shortage in the landings of cod, haddock and herring is chiefly accountable for the decrease in value. In the course of his report which will be found on page 40, the inspector submits some interesting figures which show the variations of the lobster fishery in his district during the past 17 years.

The total landings of the chief kinds during 1912-13, and the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Owts.	Cwts.	Cwts.
Salmon.....	4,020	4,416	3,080
Cod.....	137,314	181,439	145,799
Haddock.....	162,172	192,774	106,611
Pollock.....	32,855	38,073	26,966
Herring.....	110,156	161,698	100,068
Mackerel.....	19,441	48,970	20,063
Halibut.....	13,692	17,794	5,749

In 1912-13 the pack of lobsters was 4,872 cases less than the pack in 1911-12 and 3,181 cases less than that in 1910-11.

The shipment of live lobsters was 100 cwts. greater than that in 1911-12 and 6,063 greater than the shipment of 1910-11.

The number of vessels decreased by 2, and of sail boats by 378; but there were 397 more gasoline boats in use. There were 273 fewer men employed on vessels and boats.

District No. 3.

In this district, which comprises the counties of Lunenburg, Queens, Shelburne, Yarmouth, Digby, Annapolis and Kings, the total marketed value of the fisheries amounted to \$4,294,657. This is a decrease of \$1,141,122 from the total of the preceding year.

In the early part of the season, and again in the latter part, storms prevented profitable fishing, while during the summer bait was unobtainable.

In many sections of the district, fierce gales during the winter season destroyed fully 50 per cent of the lobster traps and caused a suspension of fishing operations.

The catch of the Lunenburg banking fleet fell far short of the catch in the preceding year, owing to lack of bait and rough weather.

The regular bait grounds were unproductive and the vessels lost much time cruising for supplies.

Mackerel were very plentiful in the district and operations resulted in a largely increased catch.

SESSIONAL PAPER No. 22

The total landings of the chief kinds during 1912-13 and the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon.....	1,698	2,176	2,475
Lobsters.....	129,222	175,316	154,566
Cod.....	689,095	1,021,493	1,953,534
Haddock.....	239,880	217,876	230,156
Hake.....	167,998	135,218	149,588
Pollock.....	55,144	144,354	117,371
Herring.....	218,105	180,083	230,743
Mackerel.....	45,263	8,899	4,928
Halibut.....	14,129	27,980	7,093

There were 101 more men fishing in vessels and 380 more in boats. There was an addition of 254 to the fleet of boats using gasoline as a means of propulsion.

Fuller details of the fisheries of Nova Scotia will be found in Appendix No. 3.

NEW BRUNSWICK.

The total marketed value of all fish and fish products of this province for the year under review amounted to \$4,264,054. This falls short of the preceding year's total by \$622,103. The decrease is due almost entirely to the collapse of the canned sardine market, which resulted in such low prices that little more than half the preceding year's catch was taken from the weirs. With the exception of lobsters, oysters and clams, on the gulf shore, all the chief kinds of fish gave substantially increased values.

There were 106 fewer men in vessels, 189 fewer in boats, and 187 fewer workers on shore. Boats to the number of 1,087 used gasoline as a means of propulsion. This is an increase of 299.

District No. 1.

The total marketed value of the fisheries of this district, which comprises the counties of Charlotte and St. John, amounted to \$1,612,599. This is a decrease of \$479,754 from the record which was established in the preceding year. The very poor demand for sardine herring at the weirs caused fishermen to liberate many hogsheads of these fish, consequently the total value of the catch fell \$548,331 below the preceding year's total. Increased catches of cod, haddock, hake and lobsters helped to minimise somewhat the effect of the poor sardine season.

It is gratifying to note that the lobster fishery in this district is increasing its output from year to year. As will be observed in the accompanying table the increase for the year under review is comparatively large.

4 GEORGE V., A. 1914

The totals of the chief kinds landed during the year and those landed during the two preceding years were as follows:—

—	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon.....	3,295	3,353	3,237
Lobsters.....	12,410	8,539	7,786
Cod.....	25,253	18,160	19,012
Haddock.....	20,532	10,382	22,410
Hake.....	97,524	79,412	60,750
Pollock.....	47,954	58,210	63,443
Herring.....	189,200	190,660	61,743
Sardines..... Barrels	280,282	403,103	179,803

There were eight more men in vessels, 51 more men in boats, and 374 more workers on shore. To the fleet of gasoline boats there were added 99.

District No. 2.

The total marketed value of the fisheries of this district, which comprises the counties of Albert, Westmorland, Kent, Northumberland, Gloucester, and Restigouche, amounted to \$2,611,333. This is a decrease of \$150,422 from the total for the preceding year. A greatly augmented smelt catch offset diminished lobster, oyster and clam catches, and prevented what would otherwise have been a very much reduced total value.

Caraquet Harbour and vicinity, in Gloucester county, is the headquarters of a large fleet of small vessels, whose crews energetically and successfully prosecute cod fishing all through the summer in Chaleur bay and on the nearer banks in the Gulf of St. Lawrence.

Of the total catch of cod (218,683 cwts.) in the whole of No. 2 district no less than 210,878 cwts. were taken by the Gloucester county fleet.

The totals of the chief kinds landed in the district during the year and those landed during the two preceding years were as follows:—

—	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon.....	10,004	9,144	10,430
Lobsters.....	71,768	83,343	94,280
Cod.....	218,683	180,400	215,000
Haddock.....	2,115	2,741	5,070
Hake.....	10,280	13,002	12,000
Herring.....	565,482	552,729	898,120
Smelts.....	79,854	64,179	67,250
Oysters..... Barrels	9,239	15,436	14,045

There were 107 fewer men in vessels, 22 fewer men in boats and 521 fewer workers on shore. The number of motor boats in use was 2,661, an increase of 181.

SESSIONAL PAPER No. 22

District No. 3.

(Inland.)

The total value of the fisheries of this district, which comprises the counties of Kings, Queens, Sunbury, York, Carleton, Victoria and Madawaska, amounted to \$40,132. This is an increase of \$8,083 over the value for the preceding year. In spite of an unfavourable season, salmon fishing on the various rivers of the district was quite satisfactory.

The following table shows the catches of the chief kinds during the year and during the two preceding years:—

	1912-13.	1911-12	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon.....	578	520	698
Trout.....	574	579	753
Pickarel.....	897	658	571
Sturgeon.....	92	48	111

Fuller details concerning the fisheries of New Brunswick will be found in Appendix No. 4.

PRINCE EDWARD ISLAND.

The total marketed value of the fisheries of this province for the year under review amounted to \$1,379,906, which when compared with the preceding year's total (\$1,196,396) shows a very considerable increase. A greater lobster catch, together with enhanced prices, added much to the increased total.

The yield of smelts, notwithstanding unfavourable weather conditions, was also greater and produced in value \$38,999 more than the catch in the preceding year.

The take of clams and quahaugs, on the other hand, was smaller, and resulted in the value of these being diminished by \$12,432.

The totals of the chief kinds landed during the year and those landed during the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Lobsters.....	136,992	118,090	112,137
Cod.....	49,876	49,653	66,023
Haddock.....	2,477	9,100	9,048
Hake.....	38,751	16,600	28,276
Herring.....	83,391	79,178	124,845
Mackerel.....	5,448	5,005	5,446
Smelts.....	10,545	5,688	11,100
Oysters.....Barrels	8,631	8,835	11,264

4 GEORGE V., A. 1914

There were 24 fewer men in vessels, 126 more men in boats, and 287 fewer workers on shore. The number of boats using gasoline as a means of propulsion was increased by 326.

Fuller details of the fisheries of the province will be found in Appendix No. 5.

QUEBEC.

The total marketed value of the fisheries of this province for the year under review amounted to \$1,988,241, which is \$120,105 greater than the total for the preceding year.

Gulf Division—Sea Fisheries.

The fisheries of this division, which comprises the counties of Bonaventure, Gaspé (including the Magdalen Islands), Rimouski, and Saguenay (including Anticosti), amounted in value to \$1,872,391. This is an increase of \$124,695 over the preceding year's total.

It will be noticed in the accompanying table that the lobster catch is less than that of the preceding year; but while this is so the higher price per case brings the value in both years about equal. There is little difference in the catch of cod, but the enhanced price of the dried product, gives over \$70,000 of an increased value.

During the year under review the two steamers of the whaling station at Seven Islands, captured 90 whales; as against 45 in the preceding year.

The totals of the chief kinds of fish landed during the year under review and the two preceding years were as follows:—

	1912-13	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon.....	8,946	8,278	8,895
Lobsters.....	50,450	56,927	57,340
Cod.....	478,573	474,610	557,546
Haddock.....	6,426	1,590	981
Herring.....	358,709	393,982	305,170
Mackerel.....	11,786	12,713	11,000

There were 50 fewer men in vessels, and 1,647 fewer men in boats. Of the boats 126 used gasoline as a means of propulsion. This is an increase of 63.

Inland Fisheries.

The total value of what are known as the inland fisheries of the province amounted to \$115,850 in the year under review.

This is a decrease of \$4,590 from the total of the preceding year.

There were 59 more persons engaged in the fisheries during 1912-13.

SESSIONAL PAPER No. 22

The totals of the chief kinds taken during the year and the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon.....	145	132	61
Trout.....	1,240	1,000	855
Pickarel.....	1,423	1,175	1,141
Pike.....	855	914	873
Sturgeon.....	1,742	2,095	543
Eels.....	3,167	4,428	3,089

Fuller details of the fisheries of the province will be found in Appendix No. 6.

ONTARIO.

The fisheries of Ontario are administered by the provincial government; this Department simply maintains three officers in the province and exercises a general supervision only.

The Department is indebted therefore to Mr. Tinsley, Superintendent of Fisheries for Ontario, for the summary of the fisheries of the province for 1912, which is contained in this report.

The total value of all kinds of fish taken during the year under review amounted to \$2,842,877; as against \$2,419,178 in 1911, and 2,348,269 in 1910.

The totals of the chief kinds of fish taken during the year and the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Whitefish.....	58,897	44,540	45,022
Herring.....	170,677	131,620	94,802
Trout.....	63,707	65,120	81,373
Pickarel.....	26,656	20,225	20,689
Pike.....	24,732	20,985	33,628
Sturgeon.....	3,092	2,253	2,371

There were fishing 198 more men than in the previous year.

Reports by the three federal officers and fuller details will be found in Appendix No. 7; but those who desire more detailed information should consult the report of the Provincial Game and Fisheries Department, which is published annually at Toronto.

MANITOBA.

The value of the fisheries of this province for the year under review amounted to \$800,149. This is a decrease of \$313,337 from the total of the preceding year.

4 GEORGE V., A. 1914

The summer fishing in Lake Winnipeg was very good. The fish were of good quality and of good size.

A northwest storm early in January broke up the ice on Lake Winnipeg and caused a great loss of netting. As a result winter fishing was not so successful as in previous years.

Compared with the preceding year there were 466 fewer persons engaged in the fishing.

Details of the fisheries of the province will be found in Appendix No. 8.

SASKATCHEWAN.

The total value of the fisheries of this province for the year under review amounted to \$111,839. This falls short of the total for the preceding year by \$275,597.

In the northern parts of the province the weather conditions were unfavourable. Ice formed on many of the lakes to the depth of from four to five feet, and with a covering of three feet of snow caused great inconvenience and extra labour in opening holes and operating nets.

The catches of the chief kinds for the year and for the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Whitefish	23,120	30,856	21,490
Trout	577	1,137	1,713
Pickarel	2,193	2,656	2,790
Pike	5,197	5,975	7,385
Mixed Fish.....	2,915	3,195	3,700

There were 75 fewer men engaged in fishing.

Details regarding the quantity and value of the different kinds of fish taken in the various fishing lakes of the province will be found in Appendix No. 9.

ALBERTA.

The total value of fish taken from the lakes and streams of Alberta during the year under review amounted to \$51,616.

This is only about half the total for the preceding year.

A comprehensive report by Inspector Willson, on the various lakes in the northern part of the province, as well as detailed information regarding quantities and values of fish taken, will be found in Appendix No. 9.

YUKON.

The total value of fish taken in the Yukon territory during 1912-13 amounted to \$111,239.

This is a decrease of \$586 from the total of the preceding year.

SESSIONAL PAPER No. 22

When compared with those for the previous year the catches of the various kinds show little difference.

Details will be found in Appendix No. 10.

BRITISH COLUMBIA.

The total marketed value of the fisheries of this province for the year under review amounted to \$14,455,488. This is an increase of \$778,363 over the total for the preceding year, and establishes a new record.

The salmon catch was considerably greater than that of the previous year, but its value was over \$300,000 less. This falling off in value was due to the fact that a large proportion of the catch consisted of humpbacks, and other inferior kinds, which of course sold at much lower rates than the famed sockeyes.

The herring catch was much greater and increased its value by more than \$600,000.

The value of the halibut fishery shows an increase of over six hundred thousand dollars, owing to a largely increased catch. As an evidence of the rapid advance of the halibut fishery in British Columbia in recent years, it may be pointed out that four years ago, its annual value had not reached one million dollars. In the year now being reviewed, the value of the halibut catch in round figures, is two and one-half million dollars.

The catches of the chief kinds landed in the whole of British Columbia during the year, and those landed during the two preceding years, were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon.....	1,221,057	1,103,666	937,827
Cod.....	28,580	25,065	23,334
Herring.....	729,567	545,442	275,193
Halibut.....	253,283	196,486	219,063
Whales.....	Number. 1,107	Number. 1,199	Number. 958

Throughout the whole of the province there were 15,628 persons employed on sea and shore in connection with the fisheries during 1912-13, against 15,167 during the preceding year.

District No. 1.

The total value of the fisheries of this district, which comprises the southern portion of the mainland of the province, including the Fraser River district, for the year under review, amounted to \$6,263,320; making an increase of \$95,258 over the total for the preceding year.

There was a falling off in the salmon fishery of this district, which caused a drop in value of nearly one million dollars. Strange to say, however, the pack of sockeye salmon was nearly 49,000 cases greater than the preceding year's sockeye pack.

4 GEORGE V., A. 1914

The value of the increased catches of herring and halibut offset the diminished value of the salmon catch.

The catches of the chief kinds landed in this district during the year, and those landed during the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon	410,000	445,355	321,477
Cod	14,750	14,165	12,101
Herring	46,800	19,822	57,309
Halibut	211,274	158,541	193,866
Sturgeon	5,051	5,168	5,500
Oysters	Brls. 2,781	Brls. 1,355	Brls. 1,747

There were 4,743 persons employed in connection with the fisheries during 1912-13; as against 4,753 during the preceding year.

District No. 2.

The total value of the fisheries of this district, which comprises the northern portion of the province, including Queen Charlotte islands, for the year under review amounted to \$581,291. This is an increase of \$358,530 over the total for the preceding year.

To the increase, salmon contributed over \$200,000, and herring over \$100,000, due to the development of the herring fishery of Prince Rupert, and the erection of additional canneries at Bella Bella, Naden Harbour and Aliford Bay.

The whaling stations on Queen Charlotte islands had a successful season. The number of whales captured, exceeded that for the preceding year by 217, and included 3 sperm whales.

The catches of the chief kinds landed in this district during the year and those landed during the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon	589,647	491,989	427,803
Herring	164,787	26,410	12,990
Halibut	29,079	27,945	15,750
Oulachons	13,800	15,001	14,020
Whales	Number. 526	Number. 309	Number. 147

Compared with the preceding year there was a decrease of 85 in the number of those engaged in the fisheries.

SESSIONAL PAPER No. 22

District No. 3.

The fisheries of this district, which comprises Vancouver island and part of the adjacent mainland, produced, during the year under review, a value amounting to \$3,110,877. This is \$324,575 more than the value for the preceding year.

Salmon, herring and halibut returns show largely increased quantities and values; but the number of whales captured falls short of the preceding year's take by 307, and so the value from this source is diminished accordingly.

The catches of the chief kinds landed in this district during the year and those landed during the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon	221,410	166,322	188,547
Cod	12,230	10,900	8,233
Herring	515,980	499,210	204,894
Halibut	12,930	10,000	9,447
	Brls.	Brls.	Brls.
Clams	8,865	4,030	975
	Number.	Number.	Number.
Whales	583	890	812

There were 2,886 persons employed during the year in connection with the fisheries in the district; as against 2,330 employed during the preceding year.

The fleet of gasoline boats was increased by the addition of 26.

Full reports by the chief inspector for the province and the district inspectors will be found, together with statistical details in Appendix No. 11.

The following table is a recapitulation of the quantities and values of all kinds of fish and fish products marketed, by the various provinces during the year 1912-13:—

RECAPITULATION

[illegible]

SESSIONAL PAPER No. 22

[illegible]

SESSIONAL PAPER No. 22

[illegible]

NUMBER OF PERSONS EMPLOYED AND AMOUNT OF CAPITAL INVESTED IN THE FISHERIES.

During the year 1912-13 there were employed in the actual work of fishing throughout the whole of Canada, 9,076 men on board of vessels and tugs and 56,005 in boats.

In canneries and fish-houses on shore there were employed in the work of cleaning the fish and preparing it for market 23,327 persons, making a grand total of 88,408 persons directly engaged in the work of the fisheries.

This makes an increase of 20 men on vessels, a decrease of 2,865 men in boats, and a decrease of 1,879 in the number of workers on shore.

In addition to the foregoing, there were many persons employed in a more indirect way, such as coopers, teamsters, boat-builders, rope-makers, etc., who are not taken into account in making up the returns.

The estimated total capital invested in the fisheries amounted to \$24,388,459. Of this sum \$20,442,714 was invested in connection with the sea fisheries, and \$3,945,745 in connection with the inland fisheries. Of the total \$7,744,038 represents the value of vessels and boats, while \$16,644,421 stands for the value of fishing gear, canneries, fish-houses and other fixtures necessary to the carrying on of the industry.

The following tables show the details of the number of men employed and the number and value of vessels, boats, etc., for the whole of Canada. Table No. 1 distinguishes between sea and inland fisheries. Table No. 2 gives the totals by provinces:—

SESSIONAL PAPER No. 22

TABLE No. 1.
RECAPITULATION

Of the Number of Fishermen, &c., and of the number and value of Fishing Vessels, Boats, Nets, Traps, &c., used in the Sea and Inland Fisheries in the whole of Canada, for the year 1912-13.

	Sea Fisheries.		Inland Fisheries.		Total Both Fisheries.	
	Number.	Value.	Number.	Value.	Number.	Value.
		\$		\$		\$
Vessels.....	1,083	3,485,563	8	75,000	1,091	3,560,563
Boats (gasolene).....	5,857	1,834,885	54	14,375	5,911	1,849,260
" (sail).....	24,900	993,448	3,690	229,407	28,590	1,222,855
Tugs and smacks.....	381	661,685	197	499,675	578	1,111,360
Gill nets.....	136,895	1,568,546	110,492	798,577	247,387	2,367,123
Trap and smelt nets.....	5,241	358,354			5,241	358,354
Seines and other nets.....	2,875	400,464	4,508	287,584	7,383	688,048
Weirs.....	727	399,380	24	16,750	751	416,130
Trawls.....	16,808	192,492			16,808	192,492
Hand lines.....	55,336	42,417	8,520	18,793	63,856	61,210
Eel traps.....			60	100	60	100
Lobster canneries.....	718	643,525			718	643,525
" traps.....	1,590,966	1,406,145			1,590,966	1,406,195
Salmon canneries.....	60	2,517,000			60	2,517,000
" traps.....	7	71,000			7	71,000
Sardine and clam canneries.....	22	399,850			22	399,850
Freezers and Ice-houses.....	598	222,847	697	1,891,685	1,295	2,114,532
Smoke and fish-houses.....	7,076	1,476,864	211	36,118	7,287	1,512,982
Piers and wharves.....	2,377	3,154,289	114	66,108	2,491	3,220,397
Fishing huts and cottages.....			53	61,150	53	61,150
Whaling stations.....	5	550,000			5	550,000
Oil factories.....	1	35,000			1	35,000
Scows and pile drivers.....	502	18,350			502	18,350
Skates of gear.....	528	10,560			528	10,560
Spears.....			226	423	226	423
Total values.....		20,442,714		3,945,745		24,388,459
Number of men employed in vessels and tugs.....	8,034		1,042		9,076	
Number of men employed in boats.....	47,808		8,197		56,005	
Number of person employed in fish-houses, freezers, &c.....	21,102		2,225		23,327	
Total.....	76,944		11,464		88,408	

SESSIONAL PAPER No. 22

COMPARATIVE TABLE showing the total Value of the Fisheries in the respective Provinces of Canada, from 1870 to 1912-13 inclusive, as compiled from the Annual Reports of the Department of Marine and Fisheries.

Year.	Nova Scotia.	New Brunswick.	Prince Edward Island.	Quebec.	Ontario.	British Columbia.	Manitoba, Saskatchewan, Alberta and Yukon.	Total for Canada.
1870.....	\$ 4,019,425	\$ 1,131,433	\$ No data.	\$ 1,161,551	\$ 264,982	\$ No data.	\$ No data.	\$ 6,577,391
1871.....	5,101,030	1,185,033	"	1,093,612	193,524	"	"	7,573,199
1872.....	6,016,835	1,965,459	"	1,320,189	267,633	"	"	8,570,116
1873.....	6,377,085	2,285,662	207,595	1,391,564	293,091	"	"	10,754,997
1874.....	6,652,362	2,685,794	288,863	1,608,660	446,267	"	"	11,681,886
1875.....	5,373,851	2,427,654	298,927	1,596,759	453,194	"	"	10,350,385
1876.....	6,029,050	1,953,389	494,967	2,097,668	437,229	"	"	11,117,000
1877.....	5,527,358	2,133,237	763,036	2,560,147	438,223	"	"	12,005,934
1878.....	6,131,600	2,303,790	840,344	2,664,055	348,122	"	"	13,215,678
1879.....	5,752,937	2,554,722	1,402,301	2,820,395	367,133	"	"	13,529,254
1880.....	6,291,061	2,744,447	1,675,089	2,631,556	444,491	"	"	14,499,979
1881.....	6,214,782	2,930,904	1,955,290	2,751,962	509,903	"	"	15,817,162
1882.....	7,131,418	3,192,339	1,855,687	1,976,516	825,457	"	"	16,894,092
1883.....	7,089,374	3,183,674	1,272,468	2,138,997	1,027,033	"	"	16,958,192
1884.....	8,763,779	3,730,454	1,085,619	1,694,561	1,133,724	"	"	17,766,404
1885.....	8,283,922	4,005,431	1,293,430	1,713,460	1,342,692	"	"	17,722,973
1886.....	8,415,362	4,180,227	1,141,991	1,741,382	1,435,998	"	"	18,679,288
1887.....	8,379,782	3,553,507	1,037,426	1,773,567	1,531,850	"	"	18,386,103
1888.....	7,817,080	2,941,863	876,862	1,860,012	1,839,869	"	"	17,418,510
1889.....	6,346,722	3,067,039	886,430	1,876,194	1,963,123	"	"	17,655,256
1890.....	6,636,444	2,699,055	1,041,109	1,615,119	2,009,637	"	"	17,714,902
1891.....	7,011,300	3,571,050	1,298,733	2,008,678	1,806,389	"	"	18,977,878
1892.....	6,303,922	3,203,922	1,179,856	2,236,732	2,042,198	"	"	18,941,171
1893.....	6,340,279	3,746,121	1,133,368	2,218,905	1,694,930	"	"	18,941,171
1894.....	6,547,387	4,351,526	1,119,738	2,303,386	1,659,968	"	"	20,686,661
1895.....	6,213,131	4,403,158	976,836	1,867,920	1,584,473	"	"	20,719,573
1896.....	6,070,895	4,799,433	976,126	2,025,754	1,605,674	"	"	20,199,338
1897.....	8,090,346	3,934,135	954,949	1,737,011	1,289,822	"	"	20,407,425
1898.....	7,226,034	3,849,357	1,070,202	1,761,440	1,433,632	"	"	22,733,546
1899.....	7,347,604	4,119,891	1,043,645	1,953,134	1,590,447	"	"	21,891,706
1900.....	7,809,152	3,769,742	1,059,193	1,989,279	1,333,294	"	"	21,557,639
1901.....	7,989,548	4,133,264	1,050,623	2,174,459	1,428,078	"	"	25,737,153
1902.....	7,351,753	3,912,514	887,024	2,050,175	1,265,706	"	"	21,459,433
1903.....	7,841,602	4,186,800	1,099,510	2,211,792	1,535,144	"	"	23,101,878
1904.....	7,287,099	4,671,084	1,077,546	1,751,397	1,793,229	"	"	23,516,439

COMPARATIVE TABLE showing the Total Value of the Fisheries in the respective Provinces of Canada, from 1870 to 1912-13, inclusive, as compiled from the Annual Reports of the Department of Marine and Fisheries—*Concluded*.

Year.	Nova Scotia.	New Brunswick.	Prince Edward Island.	Quebec.	Ontario.	British Columbia.	Manitoba, Saskatchewan, Alberta and Yukon.	Total for Canada.
1905.	\$ 8,259,085	\$ 4,847,090	\$ 998,922	\$ 2,008,716	\$ 1,708,963	\$ 3,850,216	\$ 1,811,370	\$ 29,479,562
1906.	7,799,160	4,905,225	1,168,939	2,175,035	1,734,856	7,003,347	1,492,923	26,279,485
1907-08.	7,632,330	5,300,564	1,492,695	2,047,390	1,935,025	6,122,923	968,422	25,499,349
1908-09.	8,009,838	4,754,298	1,378,624	1,881,817	2,100,078	6,465,038	861,392	25,451,085
1909-10.	8,081,111	4,676,315	1,197,556	1,808,436	2,177,813	10,314,755	1,373,181	29,629,169
1910-11.	10,119,243	4,134,144	1,153,708	1,692,475	2,026,121	9,163,235	1,676,507	29,965,433
1911-12.	9,367,550	4,886,157	1,196,396	1,868,136	2,205,436	13,677,125	1,467,072	34,667,872
1912-13.	7,384,055	4,264,054	1,375,905	1,988,241	2,842,878	14,455,488	1,074,843	33,389,461

SESSIONAL PAPER No. 22

COMPARATIVE TABLE showing Number and Value of Vessels and Boats engaged in the Fisheries of Canada, together with the Value of Fishing Material used, since 1880

Year.	Vessels.			Boats.		Value of Nets and Seines.	Value of other Fishing Material.	Total Capital Invested.
	Number	Tonnage.	Value.	Number	Value.			
			\$		\$	\$	\$	\$
1880.....	1,181	45,323	1,814,688	25,266	716,852	985,978	419,564	3,936,582
1881.....	1,120	48,389	1,765,870	26,108	696,710	970,617	679,852	4,113,049
1882.....	1,140	42,845	1,749,717	26,747	833,137	1,351,193	823,938	4,757,985
1883.....	1,198	48,106	2,023,045	25,825	733,186	1,243,366	1,070,930	5,120,527
1884.....	1,182	42,747	1,866,711	24,287	741,727	1,191,579	1,224,646	5,014,663
1885.....	1,177	48,728	2,021,633	28,472	852,257	1,219,284	2,604,285	6,697,459
1886.....	1,133	44,605	1,890,411	28,187	850,545	1,263,152	2,720,187	6,814,295
1887.....	1,168	44,845	1,989,840	28,092	875,316	1,499,328	2,384,356	6,748,840
1888.....	1,137	33,247	2,017,558	27,384	859,953	1,594,992	2,390,502	6,863,005
1889.....	1,100	44,936	2,064,918	29,555	965,010	1,591,085	2,149,138	6,770,151
1890.....	1,069	43,084	2,152,790	29,803	924,346	1,695,358	2,600,147	7,372,641
1891.....	1,027	39,377	2,125,355	30,438	1,007,815	1,644,892	2,598,124	7,376,186
1892.....	988	37,205	2,112,875	30,513	1,041,972	1,475,043	3,017,945	7,647,835
1893.....	1,104	40,096	2,246,373	31,508	955,109	1,637,707	3,174,404	8,681,557
1894.....	1,178	41,768	2,409,029	34,102	1,009,189	1,921,352	4,099,546	9,439,116
1895.....	1,121	37,829	2,318,290	34,268	1,014,057	1,713,190	4,208,311	9,253,848
1896.....	1,217	42,447	2,041,130	35,398	1,110,920	2,146,934	4,527,267	9,826,251
1897.....	1,184	40,679	1,701,239	37,693	1,128,682	1,955,304	4,585,569	9,370,794
1898.....	1,154	38,011	1,707,180	38,675	1,136,943	2,075,928	4,940,046	9,860,097
1899.....	1,178	38,508	1,716,973	38,538	1,195,856	2,162,876	5,074,135	10,149,840
1900.....	1,212	41,307	1,940,329	38,930	1,248,171	2,405,860	5,395,765	10,990,125
1901.....	1,231	40,358	2,417,680	38,186	1,212,297	2,312,187	5,549,136	11,491,300
1902.....	1,296	49,888	2,620,661	41,667	1,199,598	2,103,621	5,382,079	11,305,959
1903.....	1,343	42,712	2,755,150	40,943	1,338,003	2,305,444	5,842,857	12,241,454
1904.....	1,316	43,025	2,592,527	41,938	1,376,165	2,189,666	6,198,584	12,356,942
1905.....	1,384	41,640	2,813,834	41,463	1,373,337	2,310,508	6,383,218	12,880,897
1906.....	1,439	40,827	2,841,875	39,634	1,462,374	2,426,341	7,824,975	14,555,565
1907-08.....	1,390	36,902	2,731,888	38,711	1,437,196	2,266,722	8,374,440	14,826,592
1908-09.....	1,441	40,818	3,571,871	39,965	1,696,856	2,283,127	7,957,500	15,508,275
1909-10.....	1,750	37,662	3,393,121	41,170	1,855,629	2,572,820	9,626,362	17,357,932
1910-11.....	1,680	38,454	3,028,625	38,977	2,483,996	2,786,548	10,720,701	19,019,870
1911-12.....	1,648	.....	3,502,928	36,761	2,695,650	2,453,191	12,281,135	20,932,904
1912-13.....	1,669	.....	4,671,923	34,501	3,072,115	4,154,880	12,489,541	24,388,459

4 GEORGE V., A. 1914

COMPARATIVE TABLE showing the Number of Persons employed in the Fishing Industry since 1895.

Year.	Number of Persons in Canneries and Fish-houses.	Number of Men in Vessels.	Number of Men in Boats.	Total Number of Fishermen.	Total Number of Persons in Fishing Industry.
1895.....	13,030	9,804	61,530	71,334	84,364
1896.....	14,175	9,735	65,502	75,237	89,412
1897.....	15,165	8,879	70,080	78,959	94,124
1898.....	16,548	8,657	72,877	81,534	98,082
1899.....	18,706	8,970	70,893	79,893	98,601
1900.....	18,205	9,205	71,859	81,064	99,269
1901.....	15,315	9,148	69,142	78,290	93,605
1902.....	13,563	9,123	68,678	77,801	91,364
1903.....	14,018	9,304	69,830	79,134	93,152
1904.....	13,981	9,236	68,109	77,345	91,326
1905.....	14,037	9,366	73,505	82,871	96,908
1906.....	12,317	8,458	67,646	76,104	88,421
1907-08.....	11,442	8,089	63,165	71,254	82,696
1908-09.....	13,753	8,550	62,520	71,070	84,823
1909-10.....	21,694	7,931	60,732	68,663	90,357
1910-11.....	24,978	8,521	60,089	68,610	93,588
1911-12.....	25,206	9,056	56,870	65,926	91,132
1912-13.....	23,327	9,076	56,005	65,081	88,408

SESSIONAL PAPER No. 22

OTHER APPENDICES.

FISHERIES EXPENDITURE AND REVENUE.

A statement of the total expenditure and revenue in connection with the fisheries of Canada during the fiscal year ended March 31, 1913, forms Appendix No. 1 of this report.

The total expenditure amounted to \$761,956.74, divided amongst the various services as follows:—

Salaries and disbursements of fishery officers, \$198,665.17; fish breeding, \$283,793.43; miscellaneous expenditure, \$279,498.14; and \$159,996.40 distributed as fishing bounty.

The total amount received as revenue from fishing licenses, fines, etc., in the different provinces was \$106,469.01, which includes the sum of \$13,500, paid by United States fishing vessels as *modus vivendi* fees.

FISHING BOUNTY.

The fishermen of the Maritime Provinces received the sum of \$159,996.40 as bounty on their respective catches of sea fish during the season of 1912-13.

The number of claims received during the year was 12,972, being greater than that of the preceding year by 93; while the number of claims paid was 12,964, an increase of 319.

The sum of \$67,318.80 was paid to 965 vessels and their crews; the number of vessels being the same as for 1911-12.

To boats and boat fishermen was paid the sum of \$92,677.60, the number of boats being 11,998 and of boat fishermen 20,411; an increase of 338 boats and 704 men.

The amount of bounty expended in each province for 1912-13 was as follows:—

Nova Scotia, \$97,904.15; New Brunswick, \$15,109.75; Prince Edward Island, \$11,119; Quebec, \$35,863.40.

Since the inception of the system in 1882, the sum of \$4,900,200.37 has been paid to fishermen and vessel and boat owners, with a view to encouraging them in the development of their industry.

The regulations governing the payment of the bounty, as well as the particulars respecting its distribution, form Appendix No. 2.

IMPORTS AND EXPORTS OF FISH.

Statements showing the quantities of the chief commercial fish and fish products imported into Canada for home consumption, and the quantities of the chief commercial fish and fish products, the produce of Canada, exported during the fiscal year, 1912-13, will be found in Appendix No. 12.

The quantities of the different kinds exported in any one year do not necessarily bear any relation to the quantities caught in that year, for the reason that the products may not be, and are not, all exported during the year in which the fish are caught.

The figures in this appendix are taken from the report of the Customs department and are reproduced in such form as will readily show to what countries the various products of the fisheries are sent.

PROSECUTIONS FOR VIOLATION OF THE FISHERIES ACT.

A return showing the number of prosecutions for violation of the Fisheries Act, the nature of the offences and the amount collected in fines and by sales of confiscated fish and gear throughout the various provinces of the Dominion during the fiscal year 1912-13 forms Appendix No. 13.

The return shows an increase of 268 in the number of prosecutions.

THE FISHERIES PATROL SERVICE.

For the prevention of illegal fishing and for the general enforcement of the fisheries regulations in the inland waters, and for the prevention of illegal lobster and other fishing on the sea coast, the Fisheries Branch has under its control in the various provinces a number of motor launches and small steamers. Reports on the work of these craft during the year 1912-13, will be found in Appendix No. 14.

UNITED STATES FISHING VESSEL ENTRIES, ETC.

In Appendix No. 15 will be found lists of United States fishing vessels which have made use of Canadian ports, and of United States fishing vessels to which *modus vivendi* licenses were issued, during the year 1912-13.

On the Atlantic coast an aggregate of 1,890 entries were made by 300 vessels against 1,491 entries by 282 vessels during the preceding year.

Modus vivendi licenses were issued to 112 United States vessels during 1912-13, the revenue from which amounted to \$13,500, there being a decrease of one in the number of vessels, and of \$285 in the amount of revenue.

OYSTER CULTURE.

In Appendix No. 16 will be found a report by Mr. Kemp, the Department's oyster expert, on his work during the season of 1912.

CANADA FISHERIES MUSEUM.

In Appendix No. 17 will be found a report on the condition of the Fisheries Museum at Ottawa, by Mr. Andrew Halkett, the Department's naturalist.

FISH BREEDING.

The annual report on the work carried on in connection with the breeding of fish in the various establishments throughout the Dominion during 1912-13 will be found in Appendix No. 18.

HUDSON STRAIT FISHERIES.

In Appendix No. 19 will be found a report on the fish and fisheries of the Hudson strait, by Thomas Tanner, Dominion Customs and Fishery Officer.

THE OUTSIDE STAFF.

The names of the various inspectors of fisheries and other fishery officers, with the districts over which they have jurisdiction, as well as a list of officers in charge of fish hatcheries, and of officers in charge of fisheries patrol boats, will be found in Appendix No. 20.

I have the honour to be, sir,

Your obedient servant,

A. JOHNSTON,

Deputy Minister of Marine and Fisheries.

PHOTOGRAPHS



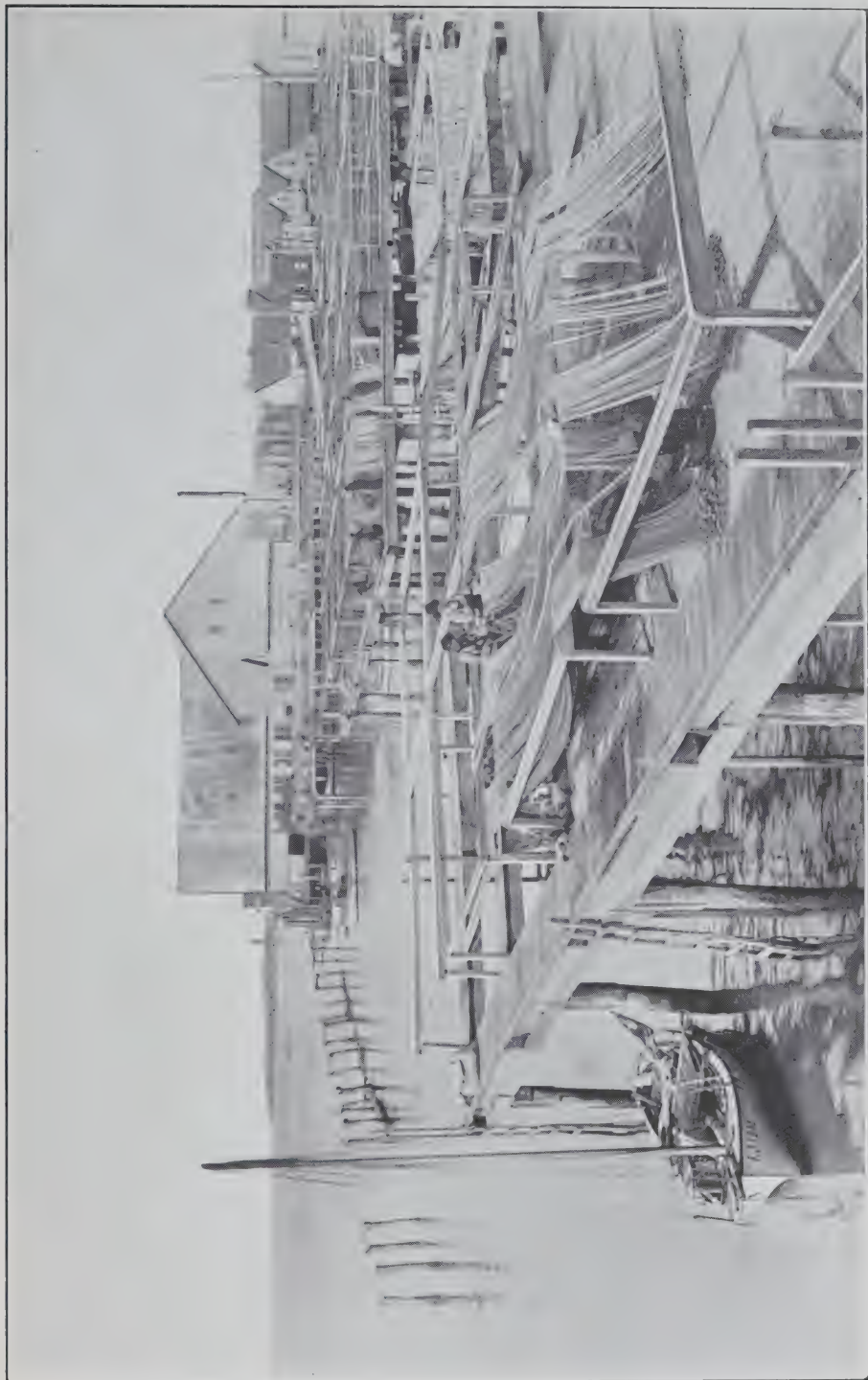
A gathering of salmon in an eddy on the Fraser River.



Salmon overcoming rapids on Fraser River.



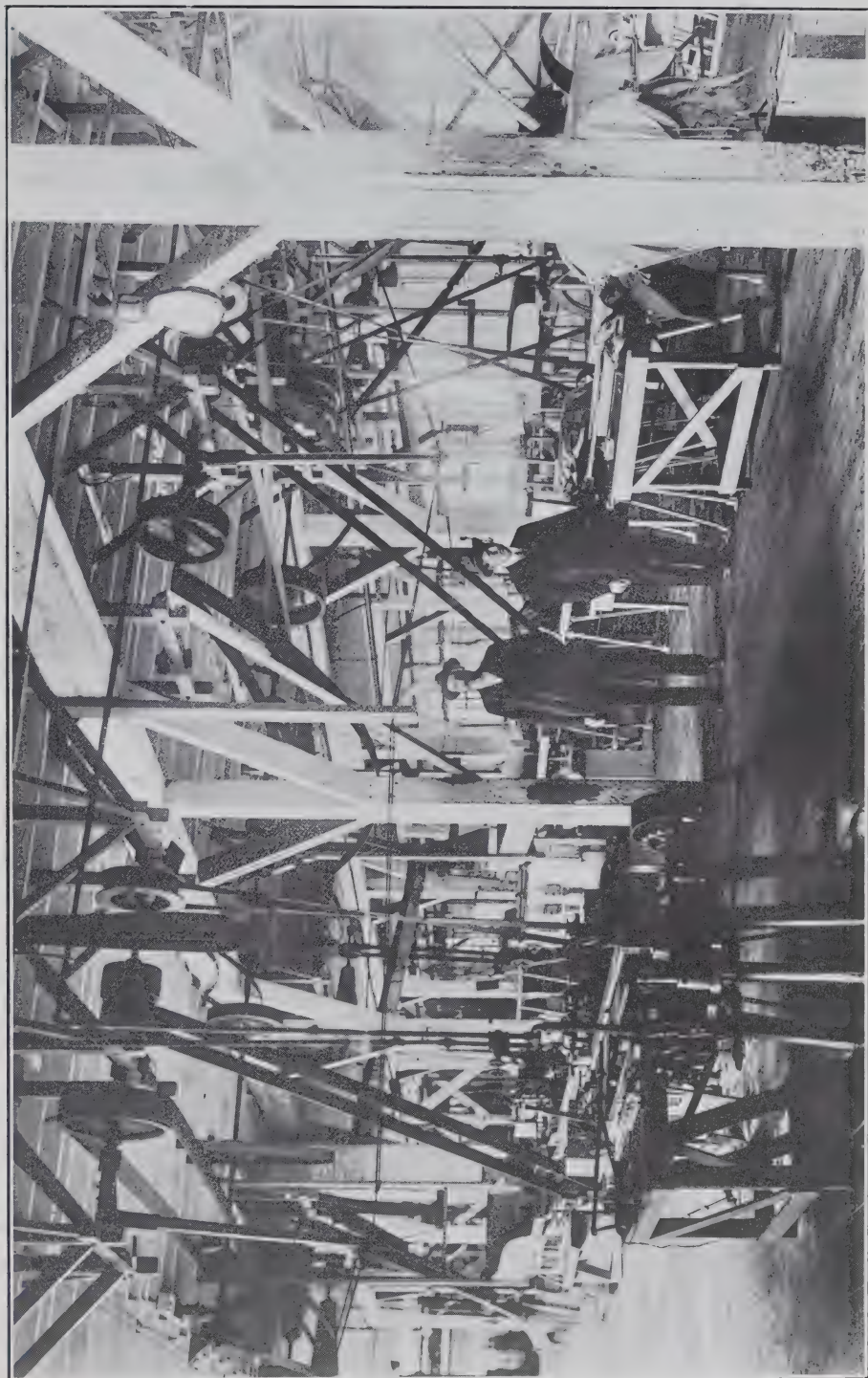
Salmon endeavouring to surmount falls on Fraser River.



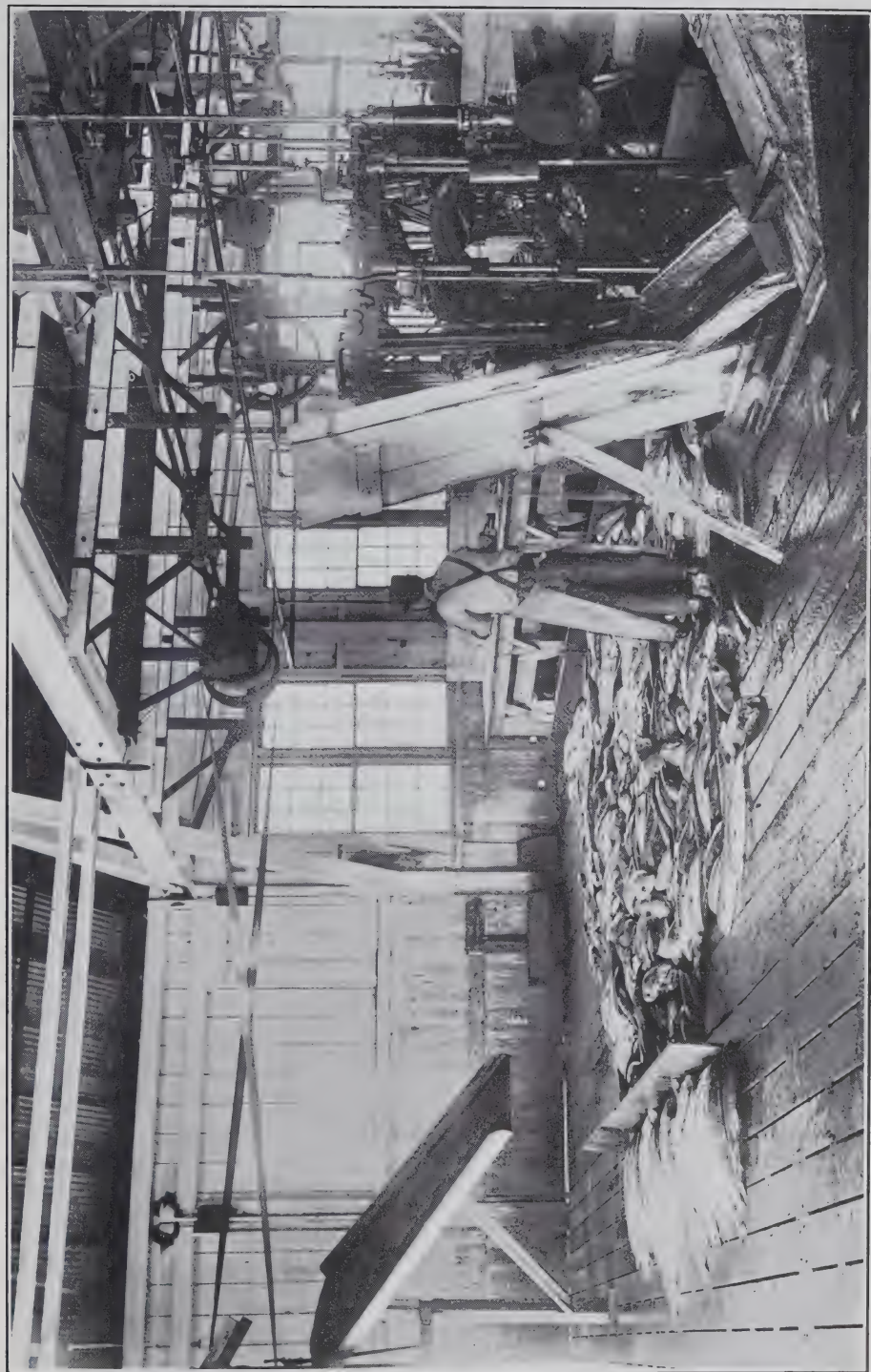
Salmon cannery and net racks,



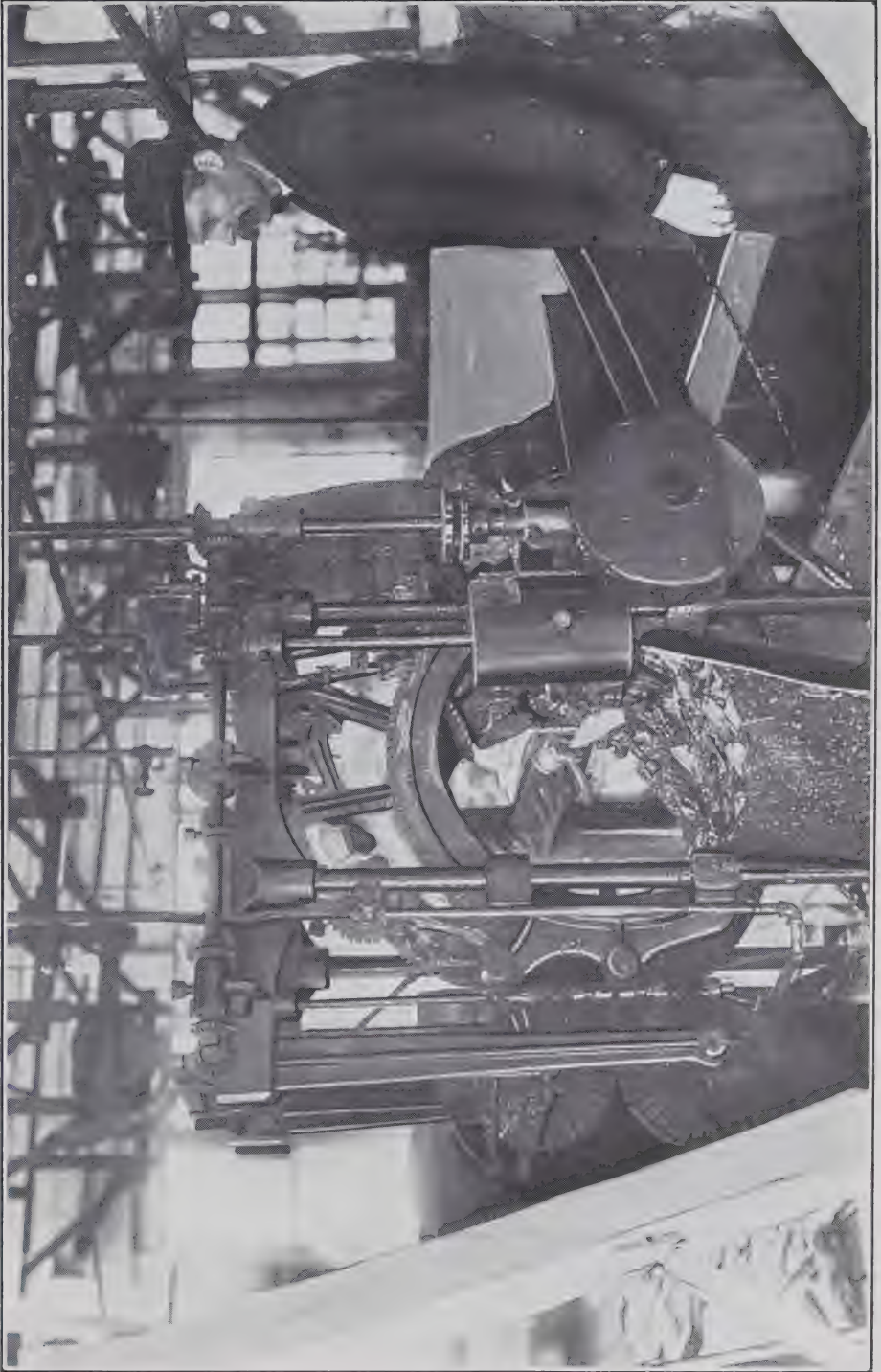
Net loft in a salmon cannery.



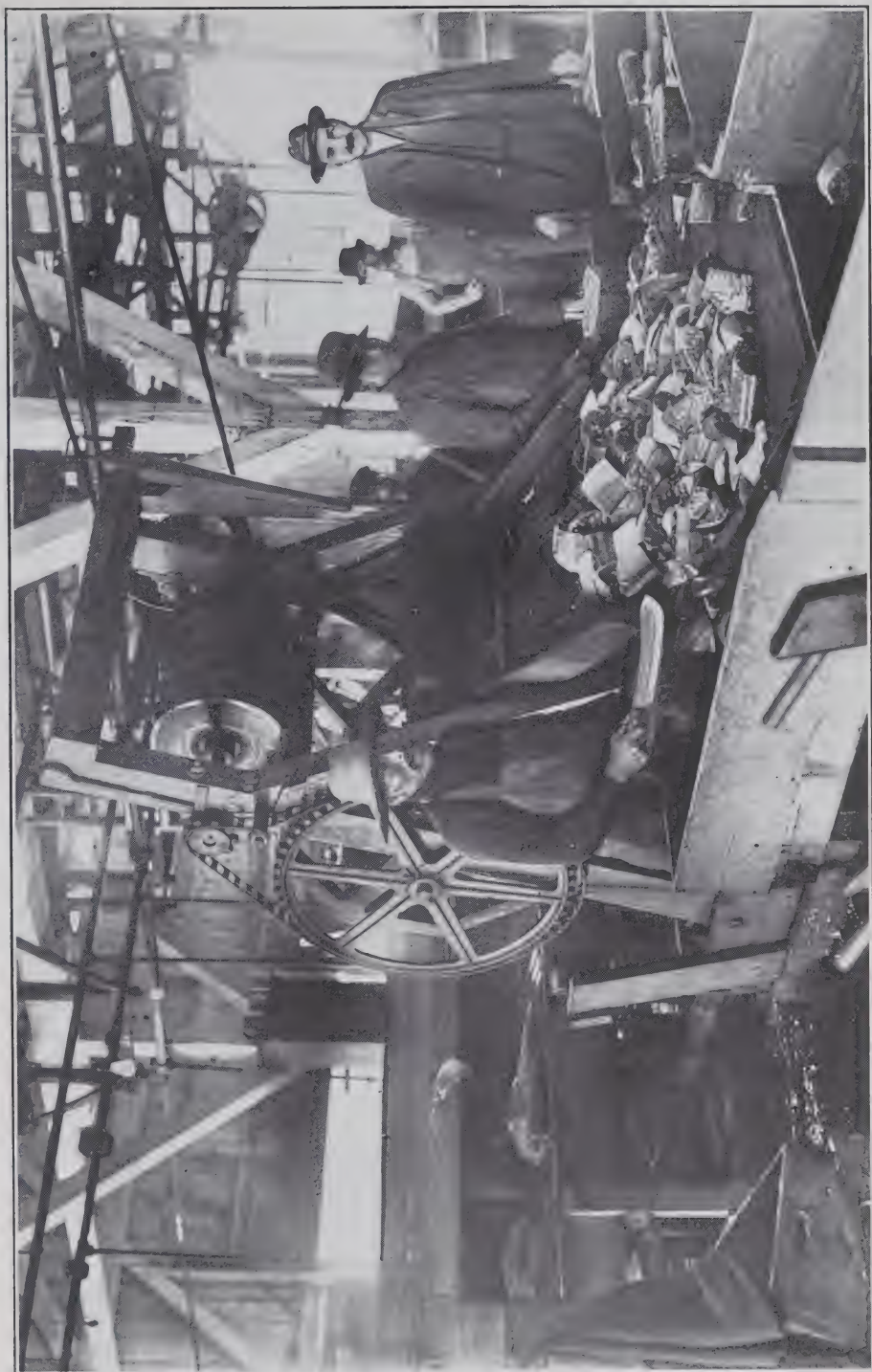
Salmon cannery, machinery.



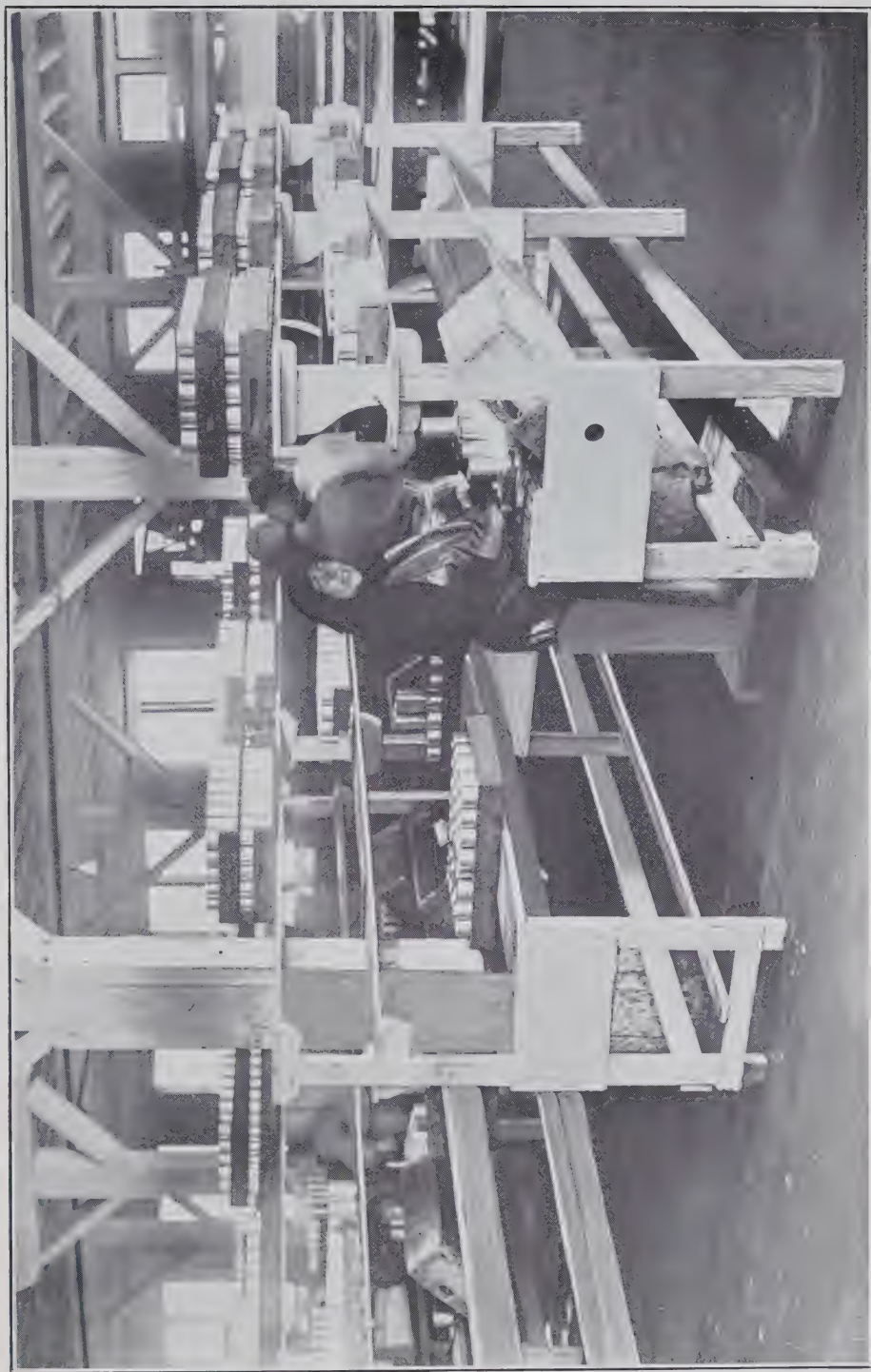
Receiving floor and "iron clink".



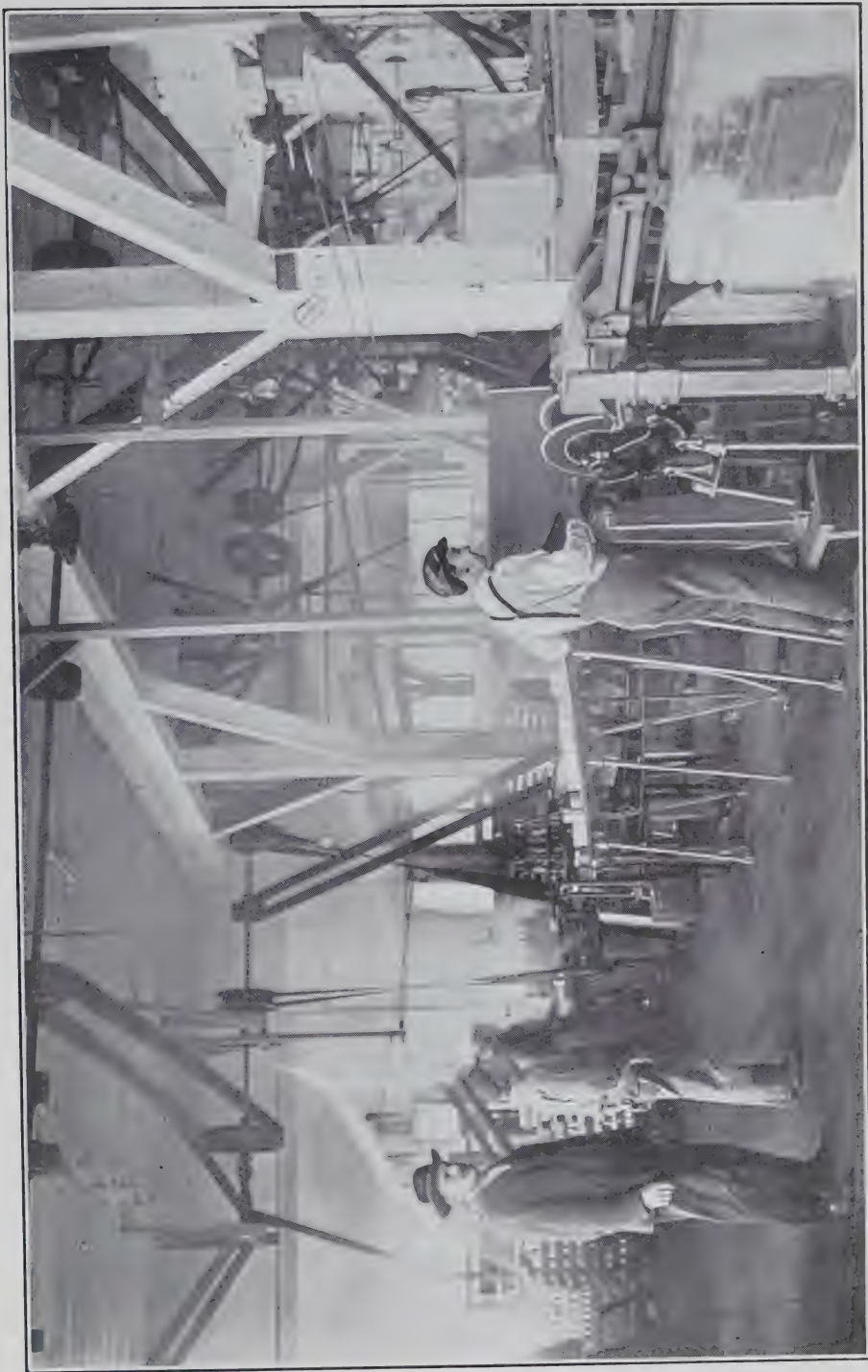
An "iron chink" at work in a salmon cannery.



Salmon cuts from an "iron chink".



Interior of salmon cannery.



At work in a salmon cannery.



Canned salmon in storage room.



A sword fishing boat cruising, Atlantic Coast.



A motor fishing boat, in the harbour of Digby, N.S.



Motor fishing boats, in the harbour of Digby, N.S.

APPENDIX No. 1.

EXPENDITURE AND REVENUE.

The total expenditure for all fisheries services, except civil government, for the fiscal year ended March 31, 1913, amounted to \$761,956.74.

The total net fisheries revenue derived from rents, fines, sales and license fees (including *modus vivendi* licenses to United States vessels) for the same period amounted to \$106,469.01.

The following is a summary of the sums appropriated and those expended for the various services during 1912-13.

FISHERIES EXPENDITURE, 1912-13.

Service.	Appropriation		Expenditure.	
	\$	cts.	\$	cts.
Salaries and disbursements of Fishery Officers.....	200,000	00	198,665	17
Fish breeding establishments.....	322,300	00	283,793	43
Fisheries Patrol Service.....	87,000	00	86,343	18
Fishery patrol boats for British Columbia.....	85,000	00	21,747	30
Five lobster fishery patrol boats.....	25,000	00	14,743	80
Oyster culture.....	10,000	00	4,665	91
Cold storage and transportation of fresh fish....	65,000	00	64,983	50
Dog-fish reduction works.....	60,000	00	36,515	00
Fisheries Intelligence Bureau.....	10,000	00	8,641	75
Canadian Fisheries Exhibits ..	16,000	00	6,481	65
International Fisheries Commission.....	5,000	00	244	99
Building fishways.....	10,000	00	9,954	00
Legal and incidental expenses.....	4,000	00	2,348	77
Georgian Bay Laboratory.....	2,000	00	2,000	00
Marine Biological Stations.....	19,000	00	19,000	00
Fisheries Commissions.....	1,000	00	694	72
Services of Customs Officers in connection with issuing of <i>Modus Vivendi</i> licenses.....	900	00	703	57
Expenses of investigating claims for compensation under the Pelagic Sealing Treaty.....	10,000	00		
Total.....	932,200	00	761,956	74
Fishing Bounty.....	160,000	00	159,996	40

The following summaries show the salaries and disbursements of the fishery officers in the several provinces, the expense for maintenance of fish breeding establishments throughout Canada; also the expense for that part of the Fisheries Protection Service called the Fisheries Patrol Service.

Details will be found in the Auditor General's report under the proper headings.

4 GEORGE V., A. 1914

SALARIES AND DISBURSEMENTS OF FISHERIES OFFICERS, 1912-13.

Provinces.	Officers.		Guardians.		Miscellaneous.	Total.
	Salaries.	Disbursements.	Wages.	Expenses.		
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Nova Scotia	6,658 89	19,281 95	19,463 36	256 70	167 21	45,828 11
Prince Edward Island	2,649 28	2,167 76	3,714 16	222 40	136 55	8,890 15
New Brunswick	5,149 94	11,456 75	29,397 47	920 71	211 44	45,136 31
Quebec	5,722 52	3,219 86	750 00		92 00	9,784 38
Ontario	3,758 75	384 65			188 85	4,332 25
Manitoba	2,558 33	1,904 78	1,453 42	833 10	112 52	6,862 15
Alberta and Saskatchewan	7,395 15	4,544 84	2,490 25	2,982 76		17,413 00
British Columbia	22,896 42	5,657 95	11,947 63	2,772 99	2,552 31	45,826 40
Yukon	1,425 00	144 83	300 00		40 00	1,909 83
General account		455 48			11,108 00	11,563 48
Total						197,546 06

Outstanding advances 1,119 11

Total expenditure 198,665 17

SESSIONAL PAPER No. 22

FISH BREEDING, 1912-13.

Hatcheries.	Salaries.	Maintenance	Total Expenditure of Hatchery.	Total Expenditure of Provinces
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Nova Scotia.</i>				
Antigonish.....	132 00	2,750 01	2,882 61	
Arichat.....	270 00	2,675 04	2,945 04	
Bayview.....	243 50	2,639 76	2,883 26	
Bedford.....	1,520 79	906 59	2,427 38	
Canso.....	273 00	1,368 81	1,641 81	
Inverness.....	178 50	2,880 90	3,059 40	
Isaac Harbour.....	252 00	1,291 13	1,543 13	
Little Bras d'Or.....	297 00	5,084 50	5,381 50	
Lendloff.....		902 15	902 15	
Long Beach Pond.....		4,116 84	4,116 84	
Margaree.....	1,180 42	3,230 37	4,410 79	
Margaree Pond.....		2,673 32	2,673 32	
Middleton.....		9,534 81	9,534 81	
Windsor.....	1,049 88	960 24	2,010 12	
				46,411 56
<i>Prince Edward Island.</i>				
Charlottetown.....		1,967 40	1,967 40	
Georgetown.....	290 00	1,961 86	2,251 86	
Kelly's Pond.....	1,150 00	736 37	1,886 37	
				6,105 63
<i>New Brunswick.</i>				
Buctouche.....		3,032 01	3,032 01	
Miramichi.....	1,124 84	3,762 42	4,887 26	
Restigouche.....	2,025 25	2,493 27	4,518 52	
Shad.....		2,799 08	2,799 08	
St. John's Pond.....	326 61	7,781 84	8,108 45	
St. John's River.....	1,159 07	878 95	2,038 02	
Shemogue.....	269 00	2,747 10	3,016 10	
Shippegan.....	183 00	1,684 94	1,867 94	
				30,267 38
<i>Quebec.</i>				
Gaspé.....	1,008 22	1,254 07	2,262 29	
Lake Lester.....	929 11	1,169 23	2,098 34	
Lake Tremblant.....	465 33	963 15	1,428 48	
Magdalen Island.....	85 91	2,417 89	2,503 80	
Magog.....	1,099 96	1,361 88	2,461 84	
Port Daniel.....	201 50	1,199 80	1,401 30	
St. Alexis.....	470 80	1,134 47	1,605 27	
Tadoussac.....	1,075 76	2,314 95	3,390 71	
				17,152 03
<i>Ontario.</i>				
Collingwood.....	691 66	13,235 18	13,926 84	
Newcastle.....	1,256 96	2,533 97	3,790 93	
Ottawa.....	1,930 76	151 88	2,082 64	
Port Arthur.....	1,582 23	6,621 45	8,203 68	
Quinté Pond.....		433 25	433 25	
Sandwich.....	1,816 61	15,869 18	17,730 79	
Sarnia.....	1,399 08	4,323 93	5,723 01	
Southampton.....	1,124 15	3,824 45	4,948 60	
Warton.....	1,145 33	3,595 19	4,740 52	
				61,580 26
<i>Manitoba.</i>				
Berens River.....	354 15	1,644 05	1,998 20	
Big Island Gull Harbour.....		22,557 57	22,557 57	
Little Saskatchewan.....		1,780 50	1,780 50	
Selkirk.....	1,533 30	3,141 65	4,674 95	
Winnipegosis.....	949 94	8,839 95	9,789 89	
				40,801 11

FISH BREEDING, 1912-13—*Concluded.*

Hatcheries.	Salaries.	Maintenance	Total Expenditure of Hatchery.	Total Expenditure of Provinces
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>British Columbia.</i>				
Anderson Lake.....	1,000 00	4,453 41	5,453 41	
Babine.....	1,000 00	6,364 00	7,364 00	
Cowichan.....	1,000 00	2,789 37	3,789 37	
Fraser River.....	382 50	2,452 36	2,834 86	
Granite Creek.....	1,100 00	3,017 85	4,117 85	
Harrison Lake.....	1,200 00	7,580 87	8,780 87	
Kennedy Lake.....	1,000 00	4,378 74	5,378 74	
Pemberton.....	1,000 00	7,276 36	8,276 36	
Rivers Inlet.....	1,100 00	6,121 52	7,221 52	
Skeena River.....	1,000 00	7,121 81	8,121 81	
Stuart Lake.....	1,000 00	6,380 58	7,380 58	
				68,719 37
General account.....	1,418 34	7,782 22	9,200 56	
Outstanding advances.....				280,237 90
				3,555 53
Total expenditure.....				283,793 43

FISHERIES REVENUE FOR FISCAL YEAR ENDED MARCH 31, 1913.

Provinces.	Amount Collected.	Refunded.	Net Amount.
	\$ cts.	\$ cts.	\$ cts.
Ontario.....	605 14	56 40	548 74
Quebec.....	8,095 79		8,095 79
New Brunswick.....	15,192 52		15,192 52
Nova Scotia.....	6,735 00	5 00	6,730 00
Prince Edward Island.....	2,927 96		2,927 96
Manitoba.....	6,039 00		6,039 00
Saskatchewan and Alberta.....	4,270 50	2 00	4,268 50
British Columbia.....	48,854 50	30 00	48,824 50
Yukon Territory.....	344 00	2 00	342 00
Total.....	93,064 41	95 40	92,969 01
<i>Modus Vivendi</i> license.....	13,573 50	73 50	13,500 00
• Grand total.....			106,469 01

SESSIONAL PAPER No. 22

FISHERIES PATROL SERVICE, 1912-1913.

Name of Vessels.	Pay lists.	Fuel.	Provisions	Repairs.		Supplies		Charter.	Clothing.	Sundry.	Totals.
	\$ cts.	\$ cts.	\$ cts.	Hull.	Engine.	Engine.	Deck.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
'Alcedo'	4,373 30	670 00	1,591 30	340 19	289 30	202 60	334 16		10 05	1,892 80	9,703 78
'Berthwhite'	180 65										180 65
'Davies'	1,400 54	142 04	11 60	154 00	232 72		253 42		65 53	325 49	2,585 34
'Elk'	765 00	3 50	12 35	4 00	16 95	52 10	36 60			269 24	1,159 74
'Falcon'		1,139 82									1,139 82
'Georgia'	1,572 87	178 50	481 60			19 28	16 20			121 95	2,390 40
'Hawk'	1,042 50				90 05	146 30	66 65			26 25	1,361 75
'Hudson'	1,814 68	185 13		127 00	1,412 64	417 94	219 13			675 49	4,852 01
'Kayex'	807 17				35 00	758 75	78 00			379 23	2,058 24
'Kingfisher'	340 00					81 23	74 08			495 31	340 00
'Lady of the Lake'	4,958 30	1,890 50	1,521 85	1,081 68	383 34	96 06	1,145 74			1,221 15	12,298 62
'Linnet'	510 00					286 28	6 25				772 53
'Luxoe'	486 45	41 50	5 93			248 94	7 00	9 10		6 80	1,706 62
'Merlin'	671 77	12 70				267 33	23 19			395 18	2,462 03
'J. L. Nelson'	1,756 53	263 28				33 34	13 70			45 00	45 00
'Pioneer'										495 75	495 75
'Patrol Boat A'	846 66			30 00						978 19	1,372 41
" B	574 83					12 65				52 31	52 31
" C										242 20	2,076 35
" No. 1	1,507 08	121 61		131 56	177 50	2 80	131 81			344 52	2,076 35
" 2	683 99	274 33	316 50	10 50	223 00	61 37	81 74		80 40		2,076 35
" 4											2,076 35
'Princess'	9,111 82	4,657 84	4,097 68	482 63	154 25	551 42	1,345 62			2,187 71	22,588 97
'Restless'		633 55									633 55
'Richmond'				75	2 50	81 62	102 75			36 05	223 67
'Semahms'	936 37			30 85	47 00	287 36	176 67			314 55	1,792 80
'Swan'	1,181 69	3 50		93 40	8 40	13 15	156 74			506 68	1,963 56
'Tanner'	2,186 64	144 32	63 50	3 00		43 63	236 57	6 50	13 00	420 68	3,117 84
General Account	583 00		24 80			561 19				4,980 31	6,149 90
Total											88,348 18

* Less Expenditure of vessels while in Fish Breeding Service,

'Davies'	\$ 594 00
'Hudson'	299 00
'Patrol No. 1	227 00
'Tanner'	385 00
	\$ 1,505 00

Total expenditure.....\$ 86,843 18

4 GEORGE V., A. 1914

COMPARATIVE STATEMENT of Expenditure and Revenue of the

Number		1892-93.		1893-94.		1894-95.	
		Expenditure	Revenue.	Expenditure	Revenue.	Expenditure	Revenue.
		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
1	General Account Fisheries....						
2	Ontario.....	20,116 91	30,623 09	22,634 37	28,632 82	21,938 56	33,211 60
3	Quebec.....	11,761 34	7,471 70	11,692 82	7,211 82	12,459 34	8,836 18
4	New Brunswick.....	15,721 05	7,831 53	18,522 94	8,333 24	21,370 94	11,170 36
5	Nova Scotia.....	19,444 22	6,782 02	20,420 81	5,296 27	23,555 38	7,075 07
6	Prince Edward Island.....	2,847 60	304 10	3,078 55	980 15	3,796 58	3,312 30
7	Manitoba and N. W. Territory	3,932 96	1,661 68	5,331 29	926 99	6,178 71	2,458 80
8	Alberta.....						
9	Saskatchewan.....						
10	British Columbia.....	5,490 60	40,264 00	5,283 21	25,337 90	6,218 74	23,517 25
11	Yukon.....						
12	Hudson Bay Territory.....						
13	Fish-breeding and fishways....	47,322 49		45,024 67		39,730 93	
14	Fisheries Protection Service....	106,805 39		115,147 59		100,207 29	
15	Miscellaneous.....	100,602 14		34,892 19		24,619 86	
	Totals.....	334,044 70	94,938 12	282,028 44	76,719 19	260,076 33	89,581 56
	Fishing bounties.....	159,752 15		158,794 54		160,089 42	
		1899-00.		1900-01.		1901-02.	
16	General Account Fisheries....	652 41		1,117 49		765 78	
17	Ontario.....	3,804 94	794 12	3,819 57	717 35	4,445 93	373 42
18	Quebec.....	5,452 41	2,543 04	7,934 03	4,738 92	6,242 58	2,498 85
19	New Brunswick.....	21,659 94	12,015 27	28,452 51	10,150 40	23,813 62	11,658 34
20	Nova Scotia.....	27,461 91	5,494 49	35,760 39	6,595 94	32,618 00	6,084 65
21	Prince Edward Island.....	7,364 30	2,207 12	7,934 03	1,525 30	7,814 02	1,843 45
22	Manitoba.....	1,723 59	2,028 00	2,669 74	1,103 00	2,624 87	2,279 00
23	N. W. Territory.....	3,848 25	1,522 50	6,251 39	1,222 55	5,928 22	950 07
24	Alberta.....						
25	Saskatchewan.....						
26	British Columbia.....	13,662 17	53,195 35	17,886 36	52,960 35	18,560 73	41,178 65
27	Yukon.....					2,066 66	1,130 00
28	Hudson Bay Territory.....						
29	Fish-breeding.....	38,070 12		68,961 40		79,891 85	
30	Fisheries Protection Service....	97,370 11		124,211 21		152,723 69	
31	Miscellaneous.....	31,125 67		27,833 79	9,178 50	56,131 26	11,223 65
	Totals.....	411,717 35	79,799 89	332,767 07	88,145 11	393,627 21	79,169 58
	Fishing bounties.....	160,000 06		158,802 50		155,942 00	
		1906-07.		1907-08.		1908-09.	
32	General Account Fisheries....	2,261 66		1,437 28		4,751 36	
33	Ontario.....	4,949 67	499 15	3,188 34	349 10	4,784 23	770 78
34	Quebec.....	8,123 04	7,564 39	5,590 94	8,145 97	7,895 53	6,797 91
35	New Brunswick.....	35,856 38	11,395 84	24,987 70	9,153 08	38,904 12	12,385 14
36	Nova Scotia.....	49,351 10	4,934 43	24,989 09	3,118 73	44,601 04	5,369 70
37	Prince Edward Island.....	9,351 81	2,206 25	5,792 32	1,300 94	8,410 25	2,393 66
38	Manitoba.....	3,687 07	4,148 00	2,173 33	2,285 98	3,945 73	3,704 22
39	†Alberta.....					5,713 80	915 00
40	Saskatchewan.....					6,591 20	1,085 50
41	N. W. Territories.....	11,124 22	868 97		969 50		
42	British Columbia.....	30,141 33	51,532 50		29,903 95	35,139 58	39,251 65
43	Yukon.....	1,083 31	282 00	6,359 22	173 00	1,019 50	228 00
44	Hudson Bay Territory.....		10 00	20,381 97	10 00		20 00
45	Fish-breeding.....	209,279 78		1,030 35		190,563 19	
46	*Fisheries Protection Service....	249,876 37				242,601 14	
47	Miscellaneous.....	194,993 61	14,568 16	118,681 62		196,808 02	9,794 00
	Totals.....	968,626 00		115,219 92	4,134 00	791,728 69	
	Fishing bounties.....	158,546 65				159,999 90	
	Grand Totals.....	1,127,172 65	98,009 69	534,669 90		951,728 59	82,715 56

* The Fisheries Protection Service being now under the control of the Naval Department, this expense

† For 1912-13 Saskatchewan is included with Alberta.

SESSIONAL PAPER No. 22

Fisheries Department, July 1, 1891, to March 31, 1913.

1895-96.		1896-97.		1897-98.		1898-99.		Number.
Expenditure	Revenue.	Expenditure	Revenue.	Expenditure	Revenue.	Expenditure	Revenue.	
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
		2,198 47		2,389 66		2,632 12		1
24,917 48	35,681 68	21,592 40	32,814 66	19,239 34	30,574 57	11,784 22	5,830 85	2
11,970 43	8,160 98	12,910 80	7,876 12	11,140 16	7,571 15	11,350 27	6,287 71	3
20,526 56	10,696 88	21,671 92	10,110 77	17,063 58	5,317 08	22,922 50	10,430 08	4
23,049 41	6,180 93	23,682 33	5,239 55	21,683 91	11,511 85	25,348 11	6,668 22	5
3,555 87	2,161 85	3,744 36	2,032 25	6,775 78	2,707 57	6,832 85	2,242 24	6
6,915 20	2,256 69	1,908 14	1,719 00	1,206 26	1,515 00	1,883 37	1,537 85	7
		2,181 58	344 13	2,324 66	393 87	4,065 68	150 50	8
								9
6,226 77	26,410 75	8,841 64	39,888 82	8,508 79	47,864 75	8,459 47	45,801 75	10
								11
38,050 41		27,330 73		28,002 32		34,522 57		12
102,021 72		99,357 01		101,807 96		105,133 27		13
20,203 25		62,777 30		59,919 56		23,207 73		14
								15
257,237 10	91,549 76	289,197 01	100,025 30	280,061 98	107,455 84	427,599 16	75,949 20	
163,567 99		154,389 77		157,504 00		159,459 00		
1902-03.		1903-04.		1904-05.		1905-06.		
402 97		1,362 11		1,314 75		3,135 91		16
4,650 53	1,818 83	4,500 43	2,578 48	4,294 60	1,471 51	4,857 23	458 00	17
6,785 86	4,379 15	7,619 67	4,670 64	6,769 16	4,648 86	8,200 02	6,185 63	18
27,132 84	11,188 02	27,664 31	10,593 20	25,253 16	11,887 19	36,445 88	11,541 20	19
39,118 79	3,962 45	30,003 01	3,685 75	32,619 85	6,448 88	45,241 50	4,470 45	20
7,081 60	2,007 35	7,320 96	1,983 42	6,879 05	2,046 50	9,455 80	3,013 85	21
3,129 70	1,784 00	2,789 74	4,002 70	2,800 64	4,875 70	4,638 51	3,527 05	22
7,076 26	1,350 50	7,317 49	922 50	7,003 55	1,151 50	12,718 15	1,151 10	23
						31,964 83	48,737 55	24
						1,226 30	274 00	25
17,808 45	43,015 02	15,133 65	56,904 34	16,631 37	47,436 00		360 00	26
1,522 00	320 00	1,400 00	240 00	1,400 00	340 00	235,660 26		27
			10 00		10 00	225,279 96		28
77,330 86		109,286 07		149,419 24		181,267 38	395 15	29
145,137 49		204,654 66		462,082 12				30
30,903 27	8,925 40	56,828 18	10,165 50	105,892 97	10,472 00	956,196 23		31
						156,114 50		
368,091 12	78,635 82	475,880 31	95,756 53	822,360 46	90,988 14			
159,853 50		158,943 70		157,228 24		1,112,310 73	80,113 98	
1909-10.		1910-11.		1911-12.		1912-13.		
3,910 03		4,540 84		9,392 19		11,563 48		32
4,836 86	1,620 75	7,125 37	280 25	20,255 96	658 45	4,332 25	548 74	33
7,886 85	4,947 46	7,695 49	5,336 61	10,558 70	6,044 75	9,784 38	8,095 79	34
41,188 19	13,014 88	41,593 46	12,996 84	42,708 01	13,902 15	15,136 31	15,152 52	35
46,590 66	3,821 81	45,800 42	7,749 60	49,540 37	5,912 65	45,828 11	6,730 00	36
9,396 08	2,359 93	9,415 09	2,499 63	9,116 56	2,477 50	8,890 15	2,927 96	37
5,223 82	3,962 88	7,163 36	8,137 75	7,152 24	6,334 00	6,862 15	6,039 00	38
7,938 22	703 00	7,867 27	698 50	8,537 07	709 00	17,413 00	4,268 50	39
6,474 57	1,209 44	7,597 87	1,246 00	8,587 31	1,304 75			40
								41
37,509 61	41,864 80	40,314 16	45,846 70	37,028 05	44,898 51	45,826 40	48,824 50	42
2,316 63	457 00	1,964 95	907 50	2,094 75	203 25	1,909 83	342 00	43
	501 83		100 00					44
180,345 65		220,727 66		235,699 52		283,793 43		45
295,443 47				92,666 65		86,843 18		46
345,249 58	10,876 78	199,762 00	15,076 50	150,519 90	13,785 00	193,774 07	13,500 00	47
994,355 22		601,567 94		683,857 28		761,956 74		
155,221 85		159,166 75		159,999 70		159,996 40		
1,149,577 07	85,070 56	760,734 69	100,875 88	843,856 98	96,230 01	921,953 14	106,469 01	

diture, from the year 1911-12, is for the Fisheries Patrol Service.

APPENDIX No. 2.**FISHING BOUNTIES.**

The payments made for this service are under the authority of the Revised Statutes, 1906, chap. 46, intituled: 'An Act to encourage the development of the Sea Fisheries, and the building of fishing vessels,' which provides for the payment of the sum of \$160,000 annually, under regulations to be made from time to time by the Governor General in Council.

REGULATIONS.

The regulations governing the payment of fishing bounties were established by the following Orders in Council:—

AT THE GOVERNMENT HOUSE AT OTTAWA,

TUESDAY, the 30th day of June, 1908.

PRESENT:**HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.**

Whereas, in view of the revision of the Statutes of Canada in 1906, it is necessary that the regulations governing the payment of fishing bounties which were adopted by order in council on the 10th December, 1887, be readopted under chapter 46 of the Revised Statutes of Canada, 1906, 'The Deep Sea Fisheries Act':

And whereas new conditions require certain changes in the existing regulations in order to establish a better interpretation of the bounty system.

Therefore, His Excellency the Governor General in Council is pleased to order that the regulations established by the order in council of the 10th December, 1897, under the provisions of the Bounty Act, 1891, 54-55 Victoria, chapter 42, shall be and the same are hereby rescinded and the following substituted therefor:—

1. Resident Canadian fishermen who have been engaged in deep-sea fishing in Canadian vessels or boats for fish other than shell-fish, salmon and shad, or fish taken in rivers or mouths of rivers, for at least three months, and have caught not less than 2,500 pounds of sea fish, shall be entitled to a bounty: provided always that no bounty shall be paid to men fishing in boats measuring less than 13 feet keel, and not more than 3 men (the owner included) will be allowed as claimants in boats under 20 feet.

2. No bounty shall be paid upon fish caught in trap-nets, pound-nets and weirs, nor upon the fish caught in gill-nets fished by persons who are pursuing other occupations than fishing, and who devote merely an hour or two daily to fishing these nets but are not, as fishermen, steadily engaged in fishing.

3. Only one claim will be allowed in each season, even though the claimant may have fished in two vessels, or in a vessel and a boat or in two boats.

4. The owners of boats measuring not less than 13 feet keel, whether propelled by oars, sails or other motive power, which have been engaged during a period of not less than three months in deep-sea fishing for fish other than shell-fish, salmon or shad, or fish taken in rivers, or mouths of rivers, shall be entitled to a bounty on each such boat.

SESSIONAL PAPER No. 22

5. Canadian registered vessels owned and fitted out in Canada, of 10 tons and upwards (up to 80 tons), by whatever means propelled, contained within themselves, which have been exclusively engaged during a period of not less than three months in the catch of sea-fish other than shell-fish, salmon or shad, or fish taken in rivers, or mouth of rivers, shall be entitled to a bounty to be calculated on the registered tonnage which shall be paid to the owner or owners.

6. Owners or masters of vessels intending to fish and claim bounty on their vessels must, before proceeding on a fishing voyage, procure a license from the nearest collector of customs or fishery overseer, said license to be attached to the claim when sent in for payment.

7. The date when a vessel's fishing operations shall be considered as having begun shall be the day upon which she sails from port on her fishing voyage, after the license has been procured, and the date upon which her fishing season shall end shall be the day upon which she arrives in port from her last fishing voyage prior to the 1st December. The three months during which a vessel must have been engaged in fishing to be entitled to the bounty, shall not include such periods as she may have been lying in port, provided that not more than three days may be permitted for the sale, transfer or discharge of her cargo of fish and refitting.

8. Dates and localities of fishing must be stated in the claim, as well as the quantity and kinds of sea-fish caught.

9. Ages of men must be given. Boys under 14 years of age not eligible as claimants.

10. Claims must be sworn to as true and correct in all their particulars.

11. Claims must be filed on or before the 30th November in each year.

12. Officers authorized to receive claims will supply the requisite blanks free of charge, and after certifying the same will transmit them to the Department of Marine and Fisheries.

13. No claim in which an error has been made by the claimant or claimants shall be amended after it has been signed and sworn to as correct.

14. Any person or persons detected making returns that are false or fraudulent in any particular may be debarred from any further participation in the bounty, and be liable to be prosecuted according to the utmost rigour of the law.

15. The amount of the bounty to be paid to fishermen and owners of boats and vessels will be fixed from time to time by the Governor in Council.

16. All vessels fishing under bounty license, are required to carry a distinguishing flag, which must be shown at all times during the fishing voyage at the main top-mast head. The flag must be four feet square in equal parts of red and white, joined diagonally from corner to corner. Any case of neglect to carry out this regulation reported to the Department of Marine and Fisheries will entail the loss of the bounty, unless satisfactory reasons are given for its non-compliance.

RODOLPHE BOUDREAU,

Clerk of the Privy Council.

AT THE GOVERNMENT HOUSE AT OTTAWA,

WEDNESDAY, the 22nd day of February, 1911.

PRESENT:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

His Excellency in Council, in virtue of the provisions of section 7 of chapter 46 of the Revised Statutes of Canada,—An Act to encourage the development of the Sea Fisheries and the building of Fishing Vessels,—is pleased to order and it is hereby

4 GEORGE V., A. 1914

ordered that section 5 of the regulations governing the payment of claims for Fishing Bounty be rescinded and the following substituted in lieu thereof:—

5. Canadian registered vessels, owned and fitted out in Canada, of ten tons and upwards (up to eighty tons), by whatever means propelled, contained within themselves, which have been exclusively engaged during a period of not less than three months in the catching of sea-fish, other than shell-fish, salmon or shad, or fish taken in rivers, or mouths of rivers, shall be entitled to a bounty to be calculated on the registered tonnage, which shall be paid to the owner or owners: Provided that vessels known as 'Steam Trawlers,' operating 'Beam,' 'Otter,' or other such trawls, shall not be eligible for any such bounty.

RODOLPHE BOUDREAU,

Clerk of the Privy Council.

The bounty for the year 1912 was distributed on the basis authorized by the following order in council, approved by his Royal Highness the Governor General on the 25th January, 1913.

His Royal Highness the Governor General in Council is pleased to order, and it is hereby ordered that the sum of one hundred and sixty thousand dollars, payable under the provisions of chapter 46 of the Revised Statutes of Canada, 1906, intituled: 'An Act to encourage the development of the Sea Fisheries and the building of fishing vessels,' be distributed for the year 1912-1913 upon the following basis:—

Vessels: The owners of the vessels entitled to receive bounty, shall be paid one dollar (\$1) per registered ton, provided, however, that the payment to the owner of any one vessel shall not exceed the sum of eighty dollars (\$80), and all vessel fishermen entitled to receive bounty shall be paid the sum of six dollars and ninety cents (\$6.90) each.

Boats: Fishermen engaged in fishing in boats, who shall also have complied with the regulations entitling them to receive bounty, shall be paid the sum of three dollars and ninety-five cents (\$3.95) each, and the owners of fishing boats shall be paid one dollar (\$1) per boat.

RODOLPHE BOUDREAU,

Clerk of the Privy Council.

There were received during the year 1912, 12,971 claims, an increase of 92 over 1911, while the number paid was 12,964, being 349 more than in the previous year.

The amount of bounty paid to vessels and their crews was \$67,318.80, and to boats and boat fishermen \$92,677.60, making the total payments during the year of \$159,996.40.

Bounty was paid to 965 vessels, the same number as in 1911, the aggregate tonnage being 24,900 tons, an increase of 1,100 tons over 1911. The number of vessel fishermen to whom bounty was paid is 6,147, an increase of 35 over last year.

Bounty was also paid to 11,998 boats and 20,411 boat fishermen, an increase of 318 boats and 704 men as compared with 1911.

SESSIONAL PAPER No. 22

DETAILED STATEMENT of Fishing Bounty Claims received and paid during the year 1912.

Provinces.	Counties.	Number of claims.			
		Received.	Rejected.	Held in abeyance.	Paid.
Nova Scotia.....	Annapolis.....	163			163
	Antigonish.....	155			155
	Cape Breton.....	444	2	1	445
	Cumberland.....	2			2
	Digby.....	430		1	429
	Guysborough.....	928	1	1	926
	Halifax.....	1,202			1,202
	Inverness.....	380			380
	Kings.....	55			55
	Lunenburg.....	824			824
	Pictou.....	77			77
	Queens.....	165			165
	Richmond.....	555	2		553
	Shelburne.....	704	3		701
	Victoria.....	323		1	322
	Yarmouth.....	310			310
	Totals.....	6,717	8	4	6,709
New Brunswick.....	Charlotte.....	452	2		450
	Gloucester.....	351	6	1	344
	Kent.....	36	1		35
	Northumberland.....	19	1	1	17
	Restigouche.....				
	St. John.....	46	2		44
	Totals.....	904	12	2	890
Prince Edward Island.....	Kings.....	521	6	7	584
	Prince.....	442		20	469
	Queens.....	89			89
	Totals.....	1,052	6	27	1,142
Quebec.....	Bonaventure.....	819	2	45	790
	Gaspé.....	2,841	5	90	2,789
	Rimouski.....	70			70
	Saguenay.....	569		1	574
	Totals.....	4,299	7	136	4,223
	Grand totals.....	12,972	33	169	12,964

* Claims paid includes a number held over from previous year.

4 GEORGE V., A. 1914

DETAILED STATEMENT of Fishing Bounties paid to Vessels and Boats during the year 1912.

Provinces.	Counties.	Number of Vessels.	Tonnage.	Average Tonnage.	Number of Men.	Amount Paid.	Number of Boats.	Number of Men.	Amount Paid.	Total Bounty Paid to Vessels and Boats in 1912.
						\$ cts.			\$ cts.	\$ cts.
Nova Scotia.	Annapolis.....	9	323	35.89	69	799 85	154	255	1,161 25	1,961 10
	Antigonish.....	2	35	17.50	6	76 40	153	207	970 65	1,047 07
	Cape Breton.....	21	339	16.14	90	960 00	424	729	3,304 30	4,264 30
	Cumberland.....	1	20	20.00	4	47 60	1	2	8 90	56 50
	Digby.....	27	834	30.89	185	2,110 50	402	687	3,115 75	5,226 15
	GuySBorough.....	54	822	15.22	246	2,519 40	871	1,353	6,215 35	8,734 75
	Halifax.....	90	1,855	20.61	455	4,994 50	1,112	1,549	7,230 55	12,225 05
	Hants.....									
	Inverness.....	38	532	14.00	181	1,780 90	342	607	2,739 65	4,520 55
	Kings.....	3	46	15.33	11	121 90	52	75	348 25	470 15
	Lunenburg.....	201	11,497	57.15	2,666	29,892 40	623	740	3,546 00	33,438 40
	Pictou.....						77	103	483 85	483 85
	Queens.....	16	228	14.25	50	573 00	149	232	1,144 40	1,717 40
	Richmond.....	35	848	24.23	175	2,055 50	518	869	3,951 70	6,007 20
New Brunswick.	Shelburne.....	112	1,746	15.59	465	4,954 50	589	932	4,507 40	9,461 90
	Victoria.....	13	186	14.31	52	544 80	309	460	2,126 00	2,670 80
	Yarmouth.....	46	1,338	29.08	328	3,601 20	264	444	2,017 80	5,619 00
	Totals ..	668	20,649	30.91	4,983	55,032 45	6,040	9,324	42,871 80	97,904 15
	Charlotte.....	22	322	14.63	63	756 70	428	674	3,090 30	3,847 00
	Gloucester.....	204	2,712	13.29	860	8,647 25	140	326	1,427 70	10,074 95
	Kent.....	17	176	10.35	35	417 50	18	28	128 60	546 10
	Northumberland ..	12	126	10.50	29	324 10	5	9	40 55	364 65
	Restigouche ..									
Prince Edward Island.	St. John.....						44	59	277 05	277 05
	Totals ..	255	3,336	13.08	987	10,145 55	635	1,096	4,964 20	15,109 75
	Kings.....	17	410	24.12	69	890 60	567	805	3,762 50	4,653 10
	Prince.....	7	100	14.28	26	279 40	462	1,136	4,969 60	5,249 00
	Queens.....	9	138	15.33	36	386 40	80	190	830 50	1,216 90
	Totals ..	33	648	19.60	131	1,556 40	1,109	2,131	9,562 60	11,119 00

GENERAL STATISTICS.

The fishing bounty was first paid in 1882.

The payments were made each year on the following basis:

1882, vessels \$2 per ton, one half to the owner and the other half to the crew; boats at the rate of \$5 per man, one-fifth to the owner and four-fifths to the men.

1883, vessels \$2 per ton, and boats \$2.50 per man, distributed as in 1882.

1884, vessels \$2 per ton as in 1882 and 1883.

Boats from 14 to 18 feet keel.	\$1 00
“ 18 to 25 “	1 50
“ 25 feet keel upwards.	2 00
Boat fishermen.	3 00

1885, 1886 and 1887, vessels \$2 per ton as in previous years. Boats measuring 13 feet keel having been admitted in 1885, the rates were:—Boats from 13 to 18 feet keel \$1; from 18 to 25 feet keel, \$1.50; from 25 feet keel upwards, \$2, and fishermen \$3 each.

1888, vessels \$1.50 per ton, one half each to owner and crew. Boats, the same as 1885, 1886 and 1887.

1889, 1890 and 1891, vessels \$1.50 per ton as in 1888. Boats \$1 each. Boat fishermen, \$3.

1892, vessels \$3 per ton, paid as formerly. Boats \$1 each. Boat fishermen \$3.

1893, vessels \$2.90 per ton, paid as formerly. Boats \$1 each. Boat fishermen \$3.

1894, vessels \$2.70 per ton, paid as formerly. Boats \$1 each. Boat fishermen \$3.

1895, vessels \$2.60 per ton, paid as formerly. Boats \$1 each. Boat fishermen \$3.

1896, vessels \$1 per ton, which was paid to the owners, and vessel fishermen \$5 each, clause No. 5 of the regulation having been amended accordingly. Boats \$1 each, and boat fishermen \$3.50 each.

	Vessels.	Men.	Boats.	Men.
1897.	\$1 00 per ton.	\$6 00 each.	\$1 00 each.	\$3 50 each.
1898.	1 00 “	6 50 “	1 00 “	3 50 “
1899.	1 00 “	7 00 “	1 00 “	3 50 “
1900.	1 00 “	6 50 “	1 00 “	3 50 “
1901.	1 00 “	7 00 “	1 00 “	3 50 “
1902.	1 00 “	7 25 “	1 00 “	3 80 “
1903.	1 00 “	7 30 “	1 00 “	3 90 “
1904.	1 00 “	7 15 “	1 00 “	3 75 “
1905.	1 00 “	7 10 “	1 00 “	3 65 “
1906.	1 00 “	7 10 “	1 00 “	3 75 “
1907.	1 00 “	7 40 “	1 00 “	4 00 “
1908.	1 00 “	7 25 “	1 00 “	3 90 “
1909.	1 00 “	7 50 “	1 00 “	4 25 “
1910.	1 00 “	7 60 “	1 00 “	4 30 “
1911.	1 00 “	7 15 “	1 00 “	4 10 “
1912.	1 00 “	6 90 “	1 00 “	3 95 “

Since 1882, 26,142 vessels, totalling a tonnage of 844,272 tons, have received the bounty. The total number of vessel fishermen who received bounty is 189,645, being an average of 7.6651 per vessel.

The total number of boats to which bounty was paid since 1882 is 410,378, and the number of fishermen 735,133. Average number of men per boat 1.24755.

The highest bounty paid per head to vessel fishermen was \$21.75 in 1893; the lowest 83 cents, while the highest to boat fishermen was \$4.30, the lowest \$2.

SESSIONAL PAPER No. 22

COMPARATIVE STATEMENT by Provinces for the Year 1882 to 1912, inclusive, showing :
 (1) Total number of fishing Bounty Claims received and paid by the Department
 of Marine and Fisheries.

Year.	Nova Scotia.		New Brunswick.		P. E. Island.		Quebec.		Totals.	
	Received.	Paid.	Received.	Paid.	Received.	Paid.	Received.	Paid.	Received.	Paid.
1882...	6,730	6,613	1,257	1,142	1,169	1,100	3,162	3,117	12,318	11,972
1883...	7,171	7,076	1,693	1,579	1,138	1,106	3,602	3,325	13,604	13,086
1884...	7,007	6,930	1,252	1,224	923	885	3,470	3,429	12,652	12,468
1885...	7,646	7,599	1,609	1,588	1,117	1,025	3,943	3,912	14,315	14,124
1886...	7,639	*7,702	1,767	1,763	1,131	1,080	4,275	*4,355	14,812	14,900
1887...	8,262	8,227	1,975	1,958	1,201	1,126	4,138	4,105	15,576	15,416
1888...	8,481	8,429	2,065	2,026	1,153	834	4,328	4,310	16,027	15,599
1889...	8,816	8,523	2,428	2,392	1,211	*1,511	4,664	4,652	17,119	17,078
1890...	9,337	*9,429	2,522	2,469	1,352	1,257	4,860	4,804	18,071	17,959
1891...	10,242	10,063	2,831	2,084	1,482	1,446	5,108	4,913	19,663	18,506
1892...	8,272	8,186	1,067	1,001	1,065	1,051	4,425	4,204	14,829	14,442
1893...	7,926	7,844	967	881	1,027	1,012	4,059	3,898	13,979	13,635
1894...	8,640	8,600	925	911	983	963	3,948	3,876	14,496	14,350
1895...	8,835	8,825	979	975	1,009	*1,025	3,904	*3,955	14,727	14,780
1896...	8,597	8,562	1,137	1,064	1,111	*1,120	4,366	4,229	15,211	14,975
1897...	8,450	8,418	1,042	991	1,175	1,171	4,180	4,149	14,847	14,729
1898...	8,446	8,347	934	917	1,143	*1,145	4,156	4,092	14,679	14,501
1899...	7,894	7,754	849	825	1,016	947	4,134	4,102	13,893	13,628
1900...	7,484	7,452	904	904	1,119	*1,169	4,264	4,251	13,771	13,776
1901...	7,346	7,344	829	826	941	937	4,277	4,267	13,393	13,374
1902...	6,710	6,671	802	794	913	912	4,371	4,346	12,796	12,723
1903...	6,297	6,284	832	830	978	974	4,110	4,090	12,217	12,178
1904...	6,750	6,732	879	866	1,027	994	4,095	4,079	12,751	12,671
1905...	7,034	7,018	881	873	921	921	4,350	4,329	13,186	13,141
1906...	7,434	7,415	930	923	918	916	4,251	4,249	13,533	13,503
1907...	7,124	7,087	904	895	1,000	984	4,239	4,227	13,267	13,193
1908...	7,690	7,648	1,002	988	1,030	993	4,250	4,212	13,972	13,841
1909...	7,276	7,250	834	830	877	872	4,024	4,004	13,011	12,956
1910...	6,670	6,659	915	903	900	898	4,159	4,150	12,644	12,610
1911...	6,735	6,722	923	905	1,001	877	4,220	4,141	12,879	12,645
1912...	6,717	6,709	904	890	1,052	*1,142	4,299	4,223	12,972	12,964
Totals..	239,658	238,118	38,838	37,217	33,083	32,393	129,631	127,995	441,210	435,723

* Includes a number of claims held over from previous year.

4 GEORGE V., A. 1914

(2) NUMBER of vessels, tonnage and number of men who received Bounty in each year.

Year.	Nova Scotia.			New Brunswick.			P. E. Island.			Quebec.			Totals.		
	No. of Vessels.	Tonnage.	No. of Men.	No. of Vessels.	Tonnage.	No. of Men.	No. of Vessels.	Tonnage.	No. of Men.	No. of Vessels.	Tonnage.	No. of Men.	No. of Vessels.	Tonnage.	No. of Men.
1882...	588	22,841	5,343	120	2,171	531	15	389	74	63	2,210	538	786	27,611	6,486
1883...	700	29,788	6,238	126	2,102	496	16	450	66	62	2,236	443	904	34,576	7,243
1884...	700	29,828	6,327	139	2,289	560	16	582	92	56	1,965	382	911	34,664	7,361
1885...	629	27,709	5,897	128	2,120	496	19	597	113	55	1,791	317	831	32,217	6,823
1886...	562	25,375	5,022	145	2,628	520	32	1,071	215	52	1,730	320	791	30,804	6,077
1887...	566	24,520	4,900	154	2,889	563	38	1,677	338	54	1,883	334	812	30,969	6,135
1888...	589	26,008	5,450	150	2,545	544	37	1,245	249	51	1,842	388	827	31,640	6,631
1889...	597	27,123	5,684	153	2,590	565	35	1,274	239	48	1,729	330	833	32,716	6,818
1890...	540	23,955	4,935	133	2,129	447	32	1,002	203	34	1,182	220	739	28,268	5,805
1891...	527	22,780	4,618	124	2,051	411	27	778	155	27	924	168	705	26,533	5,352
1892...	507	22,279	4,611	108	1,683	343	30	983	139	23	803	159	668	25,748	5,252
1893...	536	23,195	4,780	210	2,922	634	27	910	151	32	952	179	805	27,979	5,744
1894...	602	24,735	5,077	238	3,189	721	21	594	114	38	1,066	178	899	29,584	6,090
1895...	603	25,018	5,184	238	3,107	764	27	769	129	39	1,262	173	907	30,156	6,250
1896...	553	23,415	4,607	250	3,337	800	23	656	114	36	1,143	144	862	28,551	5,665
1897...	507	21,323	4,829	239	3,079	816	20	490	109	24	833	116	790	25,725	5,870
1898...	505	20,868	4,840	239	3,155	859	24	561	125	16	524	77	784	25,108	5,901
1899...	519	22,538	5,323	238	3,131	885	15	373	76	17	497	78	789	26,539	6,362
1900...	525	22,474	5,352	234	2,969	890	29	737	153	14	459	76	802	26,639	6,471
1901...	508	21,469	5,158	242	3,229	872	23	541	115	13	366	69	786	25,605	6,214
1902...	505	21,248	5,126	249	3,293	972	28	630	135	13	350	51	795	25,521	6,284
1903...	546	21,992	5,173	259	3,454	971	36	765	169	10	290	48	851	26,501	6,361
1904...	552	21,285	5,040	257	3,429	981	30	594	126	15	382	73	854	25,690	6,220
1905...	620	21,240	5,238	264	3,600	1,035	28	587	125	10	259	56	922	25,686	6,454
1906...	644	20,008	4,891	273	3,753	1,066	32	732	147	8	139	33	957	24,632	6,137
1907...	612	17,041	4,178	265	3,720	1,010	41	916	178	9	154	34	927	21,831	5,400
1908...	616	17,804	4,364	269	3,672	1,034	34	643	140	6	87	25	925	22,206	5,563
1909...	591	16,180	3,919	247	3,344	935	30	572	113	6	99	26	874	20,195	4,993
1910...	588	17,567	4,294	249	3,321	976	31	612	117	8	178	37	876	21,678	5,424
1911...	664	19,555	4,931	266	3,528	1,025	27	540	115	8	177	41	965	23,800	6,112
1912...	668	20,649	4,983	255	3,336	987	33	648	131	9	267	46	965	24,900	6,147
Totals..	17,969	701,810	156,312	6,461	91,765	33,709	856	22,918	4,465	856	27,779	5,159	26,142	844,272	189,645

SESSIONAL PAPER No. 22

(3) NUMBER of Boats and Boat Fishermen who received Bounty in each year.

Year.	Nova Scotia.		New Brunswick.		Prince Edward Island.		Quebec.		Totals.	
	No. of Boats.	No. of Men.	No. of Boats.	No. of Men.	No. of Boats.	No. of Men.	No. of Boats.	No. of Men.	No. of Boats.	No. of Men.
1882	6,043	12,130	1,024	2,530	1,087	3,070	3,071	5,716	11,225	23,446
1883.....	6,458	13,553	1,453	3,309	1,098	3,106	3,266	6,188	12,275	26,156
1884.....	6,257	12,669	1,086	2,505	869	2,346	3,344	6,416	11,556	23,936
1885.....	6,970	13,396	1,460	3,254	1,006	2,606	3,857	7,485	13,293	26,741
1886.....	7,140	13,351	1,618	3,567	1,048	2,547	4,303	7,981	14,109	27,446
1887.....	7,662	13,997	1,804	3,994	1,088	2,711	4,051	7,550	14,605	28,252
1888.....	7,840	14,115	1,876	4,148	797	2,141	4,259	7,852	14,772	28,256
1889.....	7,926	14,118	2,237	5,032	1,475	3,568	4,602	8,807	16,240	31,525
1890.....	8,886	15,738	2,324	5,242	1,192	3,024	4,766	9,241	17,168	33,245
1891.....	9,525	16,552	1,928	4,126	1,383	3,427	4,865	9,402	17,701	33,507
1892.....	7,679	12,307	893	1,765	1,021	2,047	4,181	7,693	13,774	23,812
1893.....	7,308	11,748	671	1,314	985	1,962	3,866	7,245	12,830	22,269
1894.....	7,956	12,899	661	1,281	913	1,813	3,821	7,139	13,351	23,132
1895.....	8,222	13,106	737	1,434	998	2,141	3,916	7,877	13,873	24,558
1896.....	8,008	12,454	814	1,553	1,095	2,126	4,189	7,688	14,106	23,821
1897.....	7,911	12,542	752	1,351	1,151	2,147	4,125	7,572	13,939	23,612
1898.....	7,872	12,438	678	1,237	1,121	2,199	4,076	7,627	13,747	23,501
1899.....	7,235	11,305	587	1,027	932	1,710	4,085	7,696	12,839	21,738
1900.....	6,927	10,645	670	1,184	1,140	2,198	4,237	8,004	12,974	22,031
1901.....	6,836	10,464	584	1,001	914	1,735	4,254	8,017	12,588	21,217
1902.....	6,166	9,442	545	966	884	1,638	4,333	8,180	11,928	20,226
1903.....	5,738	8,775	571	964	938	1,722	4,080	7,688	11,327	19,149
1904.....	6,180	9,556	609	1,082	964	1,792	4,064	7,648	11,817	20,078
1905.....	6,398	9,822	609	1,047	893	1,630	4,319	8,002	12,219	20,501
1906.....	6,771	10,138	650	1,139	884	1,648	4,241	7,946	12,546	20,871
1907.....	6,475	9,739	630	1,158	943	1,750	4,218	7,873	12,266	20,520
1908.....	7,032	10,685	719	1,365	959	1,810	4,206	7,809	12,916	21,669
1909.....	6,659	10,163	583	1,069	842	1,583	3,998	7,314	12,082	20,129
1910.....	6,071	9,353	654	1,195	867	1,672	4,142	7,451	11,734	19,671
1911.....	6,058	9,403	639	1,048	850	1,574	4,133	7,682	11,680	19,707
1912.....	6,040	9,324	635	1,096	1,109	2,131	4,214	7,860	11,998	20,411
Totals	220,249	365,927	30,701	62,983	31,446	67,564	127,082	238,649	400,478	735,133

4 GEORGE V., A. 1914

(4) TOTAL Number of Men who received Bounty in each year.

Year.	Nova Scotia.	New Brunswick.	P. E. Island.	Quebec.	Totals.
	No. of Men.	No. of Men.	No. of Men.	No. of Men.	
1882.....	17,473	3,061	3,144	6,254	29,932
1883.....	19,791	3,805	3,172	6,631	33,399
1884.....	18,996	3,065	2,438	6,798	31,297
1885.....	19,293	3,750	2,719	7,802	33,564
1886.....	18,373	4,087	2,762	8,301	33,523
1887.....	18,897	4,557	3,049	7,884	34,387
1888.....	19,565	4,692	2,390	8,240	34,887
1889.....	19,802	5,597	3,807	9,137	38,343
1890.....	20,673	5,689	3,227	9,461	39,050
1891.....	21,170	4,537	3,582	9,570	38,859
1892.....	16,918	2,108	2,186	7,852	29,064
1893.....	16,528	1,948	2,113	7,424	28,013
1894.....	17,976	2,002	1,927	7,317	29,222
1895.....	18,290	2,198	2,270	8,050	30,808
1896.....	17,061	2,353	2,240	7,832	29,486
1897.....	17,371	2,167	2,256	7,688	29,482
1898.....	17,278	2,096	2,324	7,704	29,402
1899.....	16,628	1,912	1,786	7,774	28,100
1900.....	15,997	2,074	2,351	8,080	28,502
1901.....	15,622	1,873	1,850	8,086	27,431
1902.....	14,568	1,938	1,773	8,231	26,510
1903.....	13,948	1,935	1,891	7,736	25,510
1904.....	14,596	2,063	1,918	7,721	26,298
1905.....	15,060	2,082	1,755	8,058	26,955
1906.....	15,029	2,205	1,795	7,979	27,008
1907.....	13,917	2,168	1,928	7,907	25,920
1908.....	15,049	2,399	1,950	7,834	27,232
1909.....	14,082	2,004	1,696	7,340	25,122
1910.....	13,547	2,171	1,789	7,488	25,095
1911.....	14,334	2,073	1,689	7,723	25,819
1912.....	14,307	2,083	2,262	7,906	26,558
Totals.....	522,139	86,692	72,039	243,808	924,778

SESSIONAL PAPER No. 22

(5) TOTAL annual payments of fishing Bounty.

Year.	Nova Scotia.	New Brunswick.	P. E. Island.	Quebec.	Totals.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
1882.....	106,098 72	16,997 00	16,137 00	33,052 75	172,285 47
1883.....	89,432 50	12,395 20	8,577 14	19,940 01	130,344 85
1884.....	104,934 09	13,576 00	9,203 96	28,004 93	155,718 98
1885.....	103,999 73	15,908 25	10,166 65	31,464 76	161,539 39
1886 ..	98,789 54	17,894 57	10,935 87	33,283 61	160,903 59
1887.....	99,622 03	19,699 65	12,528 51	31,907 73	163,757 92
1888	89,778 90	18,454 92	9,092 96	32,858 75	150,185 53
1889.....	90,142 51	21,026 79	13,994 53	33,362 71	158,526 54
1890 ..	91,235 64	21,108 33	11,686 32	34,210 72	158,241 01
1891.....	92,377 42	17,235 96	12,771 30	34,507 17	156,891 85
1892.....	100,410 39	10,864 61	9,782 79	29,694 35	159,752 14
1893	108,060 67	12,524 09	9,328 62	28,320 72	158,234 10
1894	111,460 03	12,690 80	7,875 79	28,040 18	160,066 80
1895.....	110,765 27	12,919 32	9,285 13	30,598 27	163,567 99
1896.....	98,048 95	13,602 88	9,745 50	32,992 44	154,389 77
1897.....	102,083 50	13,454 50	9,809 00	32,157 00	157,504 00
1898	103,730 00	13,746 00	10,188 00	31,795 00	159,459 00
1899.....	106,598 50	13,514 50	7,822 00	32,065 00	160,000 00
1900.....	101,448 00	13,562 50	10,589 00	33,203 00	158,802 50
1901.....	101,024 50	13,420 50	8,335 50	33,161 50	155,942 00
1902.....	100,455 70	14,555 80	8,716 55	36,125 45	159,853 50
1903.....	99,714 15	14,872 75	9,652 50	34,704 30	158,943 70
1904.....	99,286 44	15,110 80	9,179 35	33,651 65	157,228 24
1905..	100,664 35	15,379 50	8,317 20	34,185 60	158,546 65
1906	99,518 80	16,247 55	8,839 40	34,410 00	159,015 75
1907 ...	93,381 70	16,454 50	10,175 95	36,102 35	156,114 50
1908.....	98,156 20	17,203 75	9,708 90	34,931 05	159,999 90
1909	95,413 60	15,480 15	8,973 85	35,354 25	155,221 85
1910.....	96,468 20	16,531 05	9,557 80	36,609 70	159,166 75
1911.....	99,424 90	15,795 00	8,669 85	36,109 95	159,999 70
1912.....	97,904 25	15,109 75	11,119 00	35,863 40	159,996 40
Totals.....	3,009,429 18	477,336 97	310,765 92	1,012,668 30	4,900,200 37

4 GEORGE V., A. 1914

List of Vessels which received Fishing Bounty for the Year 1912-13.

PROVINCE OF NOVA SCOTIA.

ANNAPOLIS COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
121818	Albert J. Lutz....	Digby.....	95	John D. Apt.....	Port Wade....	23	238 70
94698	Carrie H.....	St. John.....	20	Norman McGrath....	".....	4	47 60
96759	Charley Troop....	".....	30	A. H. Gibson.....	Margaretsville....	4	57 60
80831	Glide.....	Lunenburg....	16	Handley Lewis.....	Port Lorne.....	3	36 70
103184	*May Flower.....	Digby.....	26	Frank Clayton.....	Parker's Cove....	7	75 05
126873	Myrtle L.....	".....	47	A. Longmire et al....	Hillsburn.....	13	136 70
94832	Venus.....	Weymouth....	42	Jno. W. Snow.....	Port Wade....	3	62 70
77969	Wave Queen.....	St. Andrews..	11	Thomas Milner.....	Parker's Cove....	3	31 70
121812	Wiltfred L. Snow..	Digby.....	51	Herbert Johnson....	Port Wade....	7	99 30

* For 1911.

ANTIGONISH COUNTY.

103542	Emma Brow.....	Halifax.....	17	John Brow.....	Hbr. au Bouche...	3	37 70
111798	Marie C.....	Pt. Hawkesbury.	18	John Munroe.....	Aulds Cove.....	3	38 70

CAPE BRETON COUNTY.

112376	Agnes.....	Arichat.....	15	William Martell....	Main-à-Dieu....	5	35 70
103858	B. & B. Holland..	Halifax.....	26	John Stacey.....	Glace Bay.....	6	67 40
100372	Betsy Jane.....	Sydney.....	11	T. & W. Moulton & Co	North Sydney....	5	45 50
126561	Caberfeidgh....	".....	12	Alex. McDonald....	Little Bras d'Or..	4	39 60
122188	Charles A. H.....	Arichat.....	10	Frank Walsh.....	North Sydney....	3	30 70
74071	Condor.....	Halifax.....	22	T. & W. Moulton & Co	".....	5	56 50
116348	Florence M.....	Arichat.....	16	Robert Fudge.....	".....	3	36 70
116883	Grayling.....	".....	25	T. & W. Moulton & Co	".....	5	59 50
90647	Hattie Emeline..	Yarmouth....	11	".....	".....	4	38 60
116919	Madeline.....	Liverpool....	16	George Perham....	".....	6	57 40
126569	Madona May.....	Sydney.....	16	James Bonar.....	Glace Bay.....	3	36 70
116915	Maggie and Esther	Pictou.....	11	Clarence L. Miller..	".....	4	38 60
117144	Mary E. Faulkner.	Halifax.....	14	Angus Nicholson....	North Sydney....	3	34 70
107999	Maud S.....	Canso.....	12	Jacob Rogers.....	".....	3	32 70
107375	Minnie B.....	Sydney.....	10	Malcolm Prince....	Glace Bay.....	4	37 60
116282	Monica A. Thomas	Halifax.....	46	Freeman O'Neil....	Louisburg.....	7	94 30
130352	Napenee.....	Arichat.....	10	Richard Williams..	Gabarus.....	5	44 50
111799	Rosie G.....	Pt. Hawkesbury	16	John Gallant.....	Little Lorraine..	5	50 50
111902	St. Thomas.....	Arichat.....	10	Henry Kelly.....	Lingan.....	4	37 60
112386	Shamrock.....	Sydney.....	11	Andrew B. Cann....	North Sydney....	3	31 70
122184	Two Brothers.....	Arichat.....	19	Patrick Campbell....	Main-à-Dieu.....	5	53 50

CUMBERLAND COUNTY.

116687	Myrtle Mac.....	Richibucto....	20	John D. McLeod....	Tidnish.....	4	47 60
--------	-----------------	----------------	----	--------------------	--------------	---	-------

SESSIONAL PAPER No. 22

List of Vessels which received Fishing Bounty, &c.—Nova Scotia—*Continued.*

DIGBY COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
107476	Addie B.	Digby	13	St. Clair Cann.	Westport.	6	54 40
111528	Alart.	"	11	Joseph Moulison.	Cape St. Mary's ..	2	24 80
116235	Aleyone	"	52	Howard Anderson.	Digby	11	127 90
107807	America	St. John.	16	Hanford Denton.	Westport.	5	50 50
112102	Ariadne.	"	48	D. C. Outhouse.	Tiverton.	12	130 80
107603	Augusta Evelyn.	"	31	Horace Thurber.	Freeport.	9	93 10
111897	Burque Brothers.	Weymouth.	10	Fred Titus.	Mateghan.	2	23 80
122145	Cerita	Yarmouth.	10	Luke S. Deveau.	Salmon River.	1	16 90
116652	Champion	"	29	Chas. F. Titus.	Westport.	6	70 40
74331	Condor	"	10	Innocent Comeau.	Concession.	3	30 70
116236	Cora May.	Digby	64	Chas. E. Finigan.	Freeport.	16	174 40
103181	Curlew.	"	63	George Denton.	Westport.	8	118 20
126879	Dorothy G. Snow.	"	98	Jos E. Snow.	Digby	5	114 50
126874	Dorothy M. Smart.	"	94	Maritime Fish Co.	"	21	224 90
115446	Emerson Faye.	"	47	Edwin Hains.	Freeport.	13	136 70
107604	Emma D.	Weymouth.	20	Frank S. Doucette.	Cape St. Mary's ..	4	47 60
121883	Fanny Rose.	Yarmouth.	15	Frank J. Doucette.	"	4	42 60
122097	George L.	"	13	Peter L. LeBlanc.	Salmon River.	2	26 80
126880	Gyno.	Digby	11	Edward Thomas.	Westport.	3	31 70
111838	Lavinia D.	"	21	James Doucette.	Mavillette.	7	69 30
121816	Loren B. Snow.	"	85	Jos. E. Snow.	Digby	6	121 40
116237	Maple Leaf.	"	10	Albert R. Bailey.	Westport.	3	30 70
116232	Nettie M.	"	12	Wm. McDormand.	"	6	53 40
116660	Nora.	Yarmouth.	11	Philemon Doucette.	Mavillette.	4	38 60
111835	Roxana.	Digby	11	Wm. W. Gower.	Westport.	3	31 70
100609	Swan	"	56	Edwin Hains.	Freeport.	11	131 90
121659	Viola	Yarmouth.	10	Alexr. Frontain.	Cape St. Mary's ..	3	30 70

GUYSBORO COUNTY.

121700	Agnes E.	Yarmouth.	10	Edmund Conway.	White Head.	5	44 50
122302	Albata	Lunenburg.	20	F. H. Hawes.	Canso.	5	54 50
116344	Annie B. M.	Arichat.	18	Thomas Fanning.	"	5	52 50
122185	Beatrice.	"	11	Geo. Hendsbee.	Half Isld Cove.	3	31 70
112016	Blanche.	Canso.	13	Mark Richard.	Charles Cove.	5	47 50
112375	C. G. Munroe.	Arichat.	14	Vincent Richard.	"	5	48 50
117060	Dorothy Aleta.	Canso.	11	Daniel Pitts.	"	6	52 40
126112	Dorothy G.	Lunenburg.	17	Claude Rhynold.	Canso.	5	51 50
117054	Emma Jane.	Canso.	16	Jno. L. George.	White Head.	8	71 20
122010	Ena T.	Lunenburg.	16	Robert L. Mosher.	Canso.	5	50 50
107993	Florence May.	Canso.	10	Jno. Kennedy Sr.	"	6	51 40
112373	Flying Cloud.	Arichat.	13	Simon Manett.	Larry's River.	2	26 80
117059	Fortuna.	Canso.	14	John Cousins.	Canso.	3	34 70
107996	Green Linnnet.	"	12	Geo. Harnish.	Dover.	5	46 50
126297	H. C. R.	"	12	Harry Kavanagh.	Canso.	5	52 50
122430	Hattie Maud.	Halifax.	16	Jno. J. Berrigan.	"	5	50 50
126294	Horman Lee.	Canso.	17	Edward Kavanagh.	"	5	51 50
103470	Ida M. Burke.	Arichat.	16	Joseph Fougere.	Larry's River.	4	43 60
126292	Irbessa.	Canso.	17	Edward Hearn.	Canso.	5	51 50
112374	J. B. Saint.	Arichat.	18	Samuel Snow.	White Head.	4	45 60
116747	Jessie W.	Halifax.	12	Jacob Manuel.	Canso.	5	46 50
111910	Lizzie J. Greenleaf.	Arichat.	11	Jos. H. Richard.	Charles Cove.	5	45 50
117097	Lizzie May.	"	12	Benj. L. Pelrine.	Larry's River.	3	42 70
117100	Louisa Ellen.	"	11	Edgar Munroe.	White Head.	3	31 70
126291	Margt Katheleen.	Canso.	16	Jno. Boudroit.	Dover.	5	50 50
111909	Margaret May.	Arichat.	12	Stephen C. Richard.	Charles Cove.	5	46 50
112371	Mary A.	"	11	Jos. O. Peitzsch.	Phillips Hbr.	2	24 80
112379	Mary S.	"	18	Chas. Richard.	Dover.	4	45 63

4 GEORGE V., A. 1914

LIST of Vessels which received Fishing Bounty, &c.—Nova Scotia—*Continued*.GUYSBORO COUNTY—*Concluded*.

Official Number.	Name of Vessel.	Port of Registry	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid	Amount of Bounty paid.
							\$ cts.
126295	Mary W. Catherine	Canso.	13	Wm. Pelrine.	Port Felix.	5	47 50
111475	Mary Matilda	Arichat.	15	Fred F. Pelrine.	Larry's River.	4	42 60
107757	Mayflower.	Charlottetown.	17	Jas. R. Lumsden Jr.	Hazel Hill.	3	37 70
100450	Minto	Canso.	18	Henry Richard	Charles Cove.	8	73 20
126296	Murray R. Munroe	"	21	Thurlo Munroe.	White Head.	3	41 70
112024	Reta S.	"	13	Wm. Shrader.	Canso.	3	33 70
108000	St. Patrick.	"	18	Geo. L. Avery.	Larry's River.	6	59 40
100255	Seaflee.	Halifax.	12	Edward Munroe.	White Head.	1	18 90
126472	Shiloh.	"	22	Chas. A. Mosher.	Canso.	6	63 40
111413	Sigdrifa.	Lunenburg.	13	Melbourne Munroe.	White Head.	1	19 90
112023	Silver Bell.	Canso.	14	Simon J. Pelrine.	Larry's River.	4	41 60
116884	Silver Swan.	Arichat.	20	Chas. Richard.	Charles Cove.	6	61 40
112025	Squanto.	Halifax.	13	Freeman Casey	White Head.	3	33 70
122317	Stanley Hubley.	Lunenburg.	17	Jas. Lukeman.	Hazel Hill.	5	51 50
116885	T. Lilly.	Arichat.	10	Levi W. Ehler.	Queensport.	5	44 50
117055	Thelma.	Canso.	15	Geo. Ryan.	Canso.	3	35 70
116532	Togo.	Lunenburg.	14	Wm. Peitzsch.	White Head.	5	48 50
130353	True Darling.	Arichat.	18	Jno. Belfountain.	Port Felix.	5	52 50
107994	True Love.	Canso.	10	David Walsh.	Canso.	2	23 80
117057	Utowana.	"	15	Simon W. Horn.	Dover.	5	49 50
130351	Vennie May.	Arichat.	17	Thos. L. Richard.	Charles Cove.	3	37 70
116887	Wenona.	"	10	Wesley Munroe.	White Head.	3	30 70
126293	Winnie May.	Canso.	10	Geo. C. Jamieson.	Cole Harbour.	3	30 70
130721	Winnifred Marr.	Lunenburg.	17	Martin Meagher.	Canso.	3	37 70
104200	Wren.	Canso.	44	Maritime Fish Corp'n	"	12	126 80
122000	Zoraya.	Lunenburg.	16	Louden Munroe.	White Head.	3	36 70

HALIFAX COUNTY.

94632	A. C. Greenwood.	Shelburne.	15	John Beaver.	Spry Bay.	3	35 70
130952	Adamantine.	Lunenburg.	10	Harris Levy.	Hackett's Cove.	3	30 70
126812	Adana C.	Halifax.	17	William Hubley.	Spry Bay.	5	51 50
116526	Adelaide.	Lunenburg.	13	J. Francis Gray.	Pennant.	3	33 70
130578	Alice M. C.	"	12	Creighton Covey.	Indian Harbour.	3	32 70
130591	Aileen Gladys.	Halifax.	16	Geo. E. Siteman.	Ship Hbr. West.	3	36 70
130960	Alvin S.	Lunenburg.	27	Dom. Fisheries, Ltd.	Halifax.	...	27 70
122422	Annie G. W.	Halifax.	17	Edward Markie.	Sober Island.	3	37 70
126380	Annie Hilton.	"	10	John May, Sr., et al.	Owls Head.	4	32 60
126131	Atheling.	"	63	Arthur Webber.	Jeddore.	7	111 30
126106	Bonnie B.	Lunenburg.	19	Richard Fleming.	Ketch Harbour.	6	60 40
130571	Brenda C.	"	11	Arthur Vaughan.	Halifax.	3	31 70
130574	C. L. Miller.	"	10	Ainsley Zink.	West Dover.	3	30 70
130924	Comet G.	"	11	Ainsley G. Allen.	Indian Harbour.	3	31 70
126033	D. C. Mullhall.	Halifax.	42	George Pelham.	Herring Cove.	15	145 50
130567	Denton S.	Lunenburg.	11	Edward Corney.	East Dover.	4	38 60
111428	Duchess.	Halifax.	12	James Morash.	West Dover.	3	32 70
130585	Edith Adele.	"	33	Frank B. Martin.	Ketch Harbour.	8	88 20
126911	Edna H.	"	17	William Brackett.	Herring Cove.	4	44 60
122424	Ella May.	"	37	Arthur Boutillier.	Halifax.	13	145 70
130568	Ella M. Young.	Lunenburg.	12	Maynard Young.	West Dover.	3	32 70
90726	Ellen Maud.	Halifax.	16	Richard Drew.	Terence Bay.	7	64 30
111434	Ermynthrude.	"	36	Fred J. Darrach.	Herring Cove.	13	125 70
117141	Etha May.	"	11	Geo. Johnson.	West Dover.	4	38 60
130565	Ethel M. G.	Lunenburg.	11	Arthur Johnson.	Indian Harbour.	3	31 70
126480	Eva M. D.	Halifax.	39	Ed. V. Dempsey.	Herring Cove.	11	115 80
100247	Fairy Queen.	"	11	Geo. H. Nickerson.	Pennant.	5	45 50
116290	Flora M. J.	"	78	Jas. Julien et al.	Grand Desert.	17	195 30
100259	Florence G.	"	15	Caleb Gray.	Sambro.	3	35 70
130738	Frances Lenore.	Lunenburg.	12	Russel Garrison.	Indian Harbour.	4	39 60

SESSIONAL PAPER No. 22

List of Vessels which received Fishing Bounty, &c.—Nova Scotia—Continued.

HALIFAX COUNTY—Concluded.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
130584	Gladys E. B.	Halifax.	24	Walter Brown.	Herring Cove.	7	72 30
111432	Gladys Elena.	"	16	Chas. W. Twohig.	Pennant.	4	43 60
126817	Gladys G. Hart.	"	27	Jas. L. Hart.	Sambro.	4	54 60
130945	Gladys Irena.	Lunenburg.	16	Carter Harrie.	Terence Bay.	4	43 60
116731	Grand Desert.	Halifax.	65	Martin Julien et al.	Grand Desert.	18	189 20
112129	Hattie.	Lunenburg.	12	Raymond Beck.	East Dover.	4	39 60
126374	Hazel Levy.	Halifax.	14	Cyrus Levy.	Owls Head.	4	41 60
100544	Helen Maud.	Digby.	26	Howard Jennex.	East Jeddore.	8	81 20
116740	Hilda M. Horton.	Halifax.	29	James Westhaver.	Sober Island.	6	70 40
126373	Ideal.	"	16	Chas. Schnare.	Pennant.	5	50 50
130577	Irene L.	"	11	Wm. C. Slaunwhite.	Terence Bay.	3	31 70
130564	James L.	Lunenburg.	32	Herbert Little.	"	7	80 30
121934	Jeannie & Annie.	Halifax.	16	Reuben Hutt.	Owls Head.	3	36 70
130735	Jennie P. S.	Lunenburg.	34	Oswald Dauphinee.	Boutilier's Cove.	6	75 40
126825	Joseph Earle.	"	29	A. Slaunwhite et al.	Terence Bay.	6	70 40
126136	Kathleen W.	Halifax.	22	Robt. J. Slaunwhite.	"	8	77 20
111404	Kimberley.	Lunenburg.	92	Chas. C. McLean.	Hubbards Cove.	17	197 30
126101	Lantana.	"	17	J. F. Rood.	Halifax.	6	58 40
126915	Lola B.	Halifax.	10	Cornelius Boutilier.	Spy Bay.	3	30 70
131078	Lola R.	Lunenburg.	13	James Reno.	Herring Cove.	4	40 60
117098	Lottie M. Beatrice.	Arichat.	17	M. J. Connors.	East Dover.	5	51 50
126132	Lottie V. M.	Halifax.	10	Isaac Morash.	West Dover.	2	23 80
107605	Mabel M.	Weymouth.	20	Herbert Martin.	Sheet Harbour.	1	26 90
130592	Margaret M. Gray.	Halifax.	23	Angus Gray.	Pennant.	5	57 50
130595	Marona.	"	25	Andrew Parker et al.	Owls Head.	1	31 90
112387	Mary A. Dunphy.	Sydney.	18	David McGrath.	East Dover.	7	66 30
85664	Mary E.	Halifax.	14	I. S. Baker.	West Dover.	4	41 60
131071	Mary Maude.	Lunenburg.	10	Geo. Johnson.	"	2	23 80
131064	Mattapex.	"	12	Chas. Scott.	Indian Harbour.	3	32 70
130821	Mianus.	"	15	Leander Hubley.	"	3	35 70
116739	Minnie M. Dora.	Halifax.	14	Wyman Hilechey.	Tangier.	3	34 70
103539	Neva.	"	11	Hiram Marryatt.	Pennant.	2	24 80
126135	Nina S.	"	19	J. Slaunwhite.	Terence Bay.	5	53 50
116500	Oreda.	Lunenburg.	16	Robt. Martin.	Sheet Harbour.	3	36 70
130583	Oswald.	Halifax.	20	Oswald Christian.	Prospect.	7	68 30
107317	Pearl.	"	30	Lewis Murphy.	East Ship Hbr.	5	64 50
130727	Pearl Beatrice H.	Lunenburg.	32	Wm. Hubley.	Indian Harbour.	7	80 30
116745	Perseverance.	Halifax.	12	F. A. Boutilier.	"	3	32 70
130583	Phoebe M.	Lunenburg.	12	David Morash.	East Dover.	3	32 70
131076	Plymouth Rock.	Lunenburg.	24	Otis Scott.	West Dover.	5	58 50
122128	Reliance.	Halifax.	18	Chas. H. Thomas.	Herring Cove.	3	38 70
116749	Reliance.	"	14	James Howard.	Terence Bay.	4	41 60
130561	Right Away.	Lunenburg.	21	J. F. Rood.	Halifax.	5	55 50
96806	Rising Sun.	Halifax.	28	Richard Christian.	Prospect.	4	55 60
126823	Rosie L.	Lunenburg.	20	Geo. Little.	Terence Bay.	5	54 50
122307	Sadie H.	"	17	Chas. Beaver.	Harrigan Cove.	4	44 60
100218	Sarah M. W.	Halifax.	14	Edward Wheatley.	Terence Bay.	6	55 40
130958	Shianne.	Lunenburg.	21	Lubin Duggan.	East Dover.	6	62 40
116750	Stella R.	Halifax.	13	Albert Puffer.	Mushaboon.	3	33 70
130722	Tacoma.	Lunenburg.	11	A. J. Wambolt.	Indian Harbour.	1	17 90
130949	Titus McLeod.	"	11	Jas. Berringer.	West Dover.	3	31 70
122429	Uncas.	Halifax.	11	Mark L. Nickerson.	Sambro.	5	45 50
117142	Valkyria.	"	13	David Levy.	Sober Island.	5	47 50
130686	Vera May.	Lunenburg.	22	Frank Butcher.	Halifax.	5	56 50
126912	Viola G. Hartlin.	Halifax.	25	Peter Hartlin Sr.	East Jeddore.	8	80 20
126917	Violet C.	"	14	Jas. H. Smith.	Sambro.	4	41 60
130566	Violet F.	Lunenburg.	12	Wellsley Frederick.	Indian Harbour.	3	32 70
116283	Vixen.	Halifax.	15	Henry McKenzie.	Gerrard's Island.	4	42 60
126478	Willetta.	"	15	Joseph Gray.	Sambro.	6	56 40
130600	Willie Roy.	"	13	Andrew Sullivan.	Herring Cove.	1	19 90

4 GEORGE V., A. 1914

List of Vessels which received Fishing Bounty, &c.—Nova Scotia—*Continued.*

INVERNESS COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No of Crew paid.	Amount of Bounty paid. \$ cts.
96778	Campania.....	Pt. Hawkesbury	11	Robin, Jones & Whitman.....	Eastern Harbour..	4	38 60
103313	Catherine.....	" ..	10	" ..	" ..	4	37 60
126575	Cheticamp.....	" ..	10	L. T. Chiasson et al..	" ..	4	37 60
103325	Elizabeth Ann....	" ..	11	David Bourgeois....	Belle Marche.....	4	38 60
130781	Flora Matthews...	" ..	16	Anselm Cormier....	Point Cross.....	5	44 50
96774	Florence.....	" ..	11	Simon Bellefontaine..	Eastern Harbour..	4	38 60
122004	Florence B.	Lunenburg	46	Robin, Jones & Whitman.....	" ..	7	94 30
103317	Flying Star	Pt. Hawkesbury	11	Simon Bellefontaine..	" ..	6	52 40
126573	Great Dipper.....	" ..	10	David R. Doucett....	Grand Etang.....	5	44 50
126577	Gros Ours	" ..	14	Emillien LeBlanc....	" ..	5	48 50
126578	Hennepin.....	" ..	12	Jos. M. Cormier....	" ..	5	46 50
130785	J. S. M.	" ..	16	John S. Muise	Cape Rouge	5	50 50
130782	Karina II.....	" ..	21	Lubins. Chiasson....	Little River	5	55 50
103316	Laura.....	" ..	10	Robin, Jones & Whitman.....	Eastern Harbour..	5	44 50
126574	Laurent Aucoin...	" ..	10	Jno. L. Aucoin et al..	Point Cross.....	4	37 60
103315	Lillie.	" ..	12	Magloire Poirier....	Plateau	4	39 60
103330	Lucy.....	" ..	11	Robin, Jones & Whitman.....	Eastern Harbour..	4	38 60
96775	Louise.....	" ..	11	Simon Bellefontaine..	" ..	4	38 60
126576	M.C.G. Boudreau..	" ..	22	" ..	" ..	7	70 30
126104	M. Unity.....	Lunenburg	26	Thomas Doucet.....	" ..	6	67 40
96779	Majestic.....	Pt. Hawkesbury	12	Robin, Jones & Whitman.....	" ..	4	39 60
117056	Margaret.....	Canso.....	16	Matthews & Scott....	" ..	5	50 50
96771	Marie	Pt. Hawkesbury	10	Robin, Jones & Whitman.....	" ..	4	37 60
96777	Marie Joseph.....	" ..	11	" ..	" ..	5	45 50
103314	Mary.....	" ..	10	Wm. R. Doucet.....	Grand Etang.....	5	44 50
111797	Mermaid.....	" ..	13	Thomas Harris.....	Plateau	4	40 60
103326	Mizpah.....	" ..	10	Thos. LeBrun.....	Grand Etang.....	5	44 50
126580	Paul V.....	" ..	14	Paul V. Boudrot....	Plateau	5	48 50
130786	St. Clements....	" ..	12	Robin, Jones & Whitman.....	Eastern Harbour..	4	39 60
111792	Saint Aubin	" ..	15	" ..	" ..	5	49 50
103329	Saint Helier.	" ..	12	" ..	" ..	4	39 60
100448	Surprise.....	Canso.....	15	Chas. D. Chiasson....	Margaree Harbour	6	56 40
111800	Tallahassee.....	Pt. Hawkesbury	12	Simon Bellefontaine..	Eastern Harbour..	4	39 60
96773	Virgin	" ..	10	Robin, Jones & Whitman.....	" ..	4	37 60
111793	Walla Walla.....	" ..	11	" ..	" ..	4	38 60
126571	Warbler.....	" ..	10	" ..	" ..	5	44 50
96776	Willie B.....	" ..	21	Simon Bellefontaine..	" ..	5	55 50
130783	Zambuck.....	" ..	17	Severin Lefort.....	Plateau.....	5	51 50

KINGS COUNTY.

83261	Economist.....	Digby.....	14	Jesse Parker	Halls Harbour....	3	34 70
97150	Gleaner.....	St. Andrews ...	13	Edward Spicer	Harbourville.....	4	40 60
94756	Sarah E. Ells....	St. John	19	Leonard Houghton...	Halls Harbour....	4	46 60

SESSIONAL PAPER No. 22

LIST of Vessels which received Fishing Bounty, &c.—Nova Scotia—Continued..

LUNENBURG COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner	Residence.	Number of Crew paid.	Amount of Bounty paid.
							\$ cts.
130466	A. G. Eisnor	Lunenburg	96	J. Ernst & Son	Mahone Bay	15	183 50
130675	A. L. Conrad	"	11	Albert Conrad	Rose Bay	3	31 70
130947	Abacena	"	88	Wm. C. Smith	Lunenburg	18	204 20
112126	Acadia	"	91	Alex. Knickle	"	18	204 20
130739	Ada M. Westhaver	"	100	E. Fenwick Zwicker	"	19	211 10
111641	Aguadilla	"	100	William Arenburg	"	21	224 90
112115	Aldine	"	99	Robt. Parks	La Have	18	204 20
130740	Albert A. Young	"	92	Jacob Hiltz	Indian Point	17	197 30
112107	Alexandra	"	93	Freeman Anderson	Lunenburg	18	204 20
130956	Alfarata	"	92	J. Ernst & Son	Mahone Bay	18	204 20
111647	Alhambra	"	90	William Gilfoy	Lunenburg	14	176 60
130475	Alma M.	"	15	Henry Miller	"	3	35 70
112105	Alma Nelson	"	99	J. E. Backman	Riverport	18	204 20
130942	Amy B. Silver	"	99	Kenneth Silver	Dayspring	24	245 60
116522	Anita	"	16	Wm. Cleversey	La Have	4	43 60
126585	Annie L. Spindler	"	95	E. Fenwick Zwicker	Lunenburg	20	218 00
111737	Annie M. W.	"	98	Egerton Ritcey	Riverport	17	197 30
130818	Araucania	"	92	J. M. Rhodenizer	Lunenburg	18	204 20
130465	Artisan	"	98	Wm. Arenburg	"	19	211 10
126587	Assurance	"	99	Wm. C. Smith	"	20	218 00
116498	Beatrice S. Mack	"	99	"	"	17	197 30
126830	Benevolence	"	99	"	"	20	218 00
130468	Benjamin C. Smith	"	100	"	"	20	218 00
131061	Bernice	"	10	James Langille	Big Tancook	3	30 70
130679	Bessie A. P.	"	11	Manuel Publicover	Blandford	3	31 70
130726	Beulah W.	"	11	Chas. Wilson	Big Tancook	3	31 70
111734	Blake	"	99	J. N. Rafuse	Conquerall Bank	20	218 00
116855	Blanche	"	12	Jno. Spindler	Rose Bay	4	39 60
131070	Blanche L. G.	"	11	Henry Gates	Blandford	3	31 70
131080	Blanche S.	"	10	Richard Schnare	East River	3	30 70
126393	Burnett C.	"	105	A. V. Conrad	Parks Creek	19	211 10
131066	C. W. Mason	"	11	Chas. Mason	Eastern Points	2	24 80
111732	Calavera	"	90	Henry Moser	Lunenburg	15	183 50
112128	Campania	"	90	Thos. Romkev	Riverport	18	204 20
130953	Cantow	"	13	Elias Publicover	Blandford	2	26 80
126119	Carrie L. Hirtle	"	99	Wm. C. Smith	Lunenburg	19	211 10
121999	Cavalier	"	13	Kenneth Cleveland	Blandford	3	33 70
126586	Cecil L. Beck	"	93	Wm. C. Smith	Lunenburg	20	218 00
130944	Cento	"	90	Dean Fralick	Pleasantville	18	204 20
122315	Clintonia	"	96	Wm. C. Smith	Lunenburg	20	218 00
111702	Colonia	"	98	E. Fenwick Zwicker	"	17	197 30
111743	Corean	"	70	J. N. Rafuse	Conquerall Bank	18	194 20
111736	Coromation	"	98	H. W. Adams	Lunenburg	18	204 20
111637	Cyril	"	100	W. N. Reinhardt	La Have	20	218 00
130823	Dagon	"	12	Ernest Covey	Big Tancook	3	32 70
130731	Daisy Z.	"	11	Solomon Zink	Blandford	2	24 80
126824	Dan Patch	"	12	Robert Levy	Lunenburg	4	39 60
111711	Defender	"	98	Alex. Knickle	"	18	204 20
130948	Deliah H.	"	11	Joseph Hirtle	Big Tancook	3	31 70
131069	De Witt	"	11	Francis Mason	Eastern Points	2	24 80
130562	Donald L. Silver	"	94	Wm. Arenburg	Lunenburg	20	218 00
130729	Dora C.	"	12	Hugh Cleveland	Blandford	2	25 80
130463	Doris V. Myra	"	99	Clarence Myra	Riverport	19	211 10
116540	Douglas Adams	"	99	H. W. Adams	Lunenburg	18	204 20
116506	E. M. Zellars	"	86	Fraser Gray	La Have	14	176 60
122009	Earl Grey	"	94	E. Fenwick Zwicker	Lunenburg	18	204 20
111730	Earl V.S.	"	100	John B. Young	"	19	211 10
126391	Edith Marguerite	"	95	Freeman Himmelman	Riverport	19	211 10
121866	Eldora	"	79	C. Iverson	Lunenburg	13	168 70
112099	Electro	"	88	W. N. Reinhardt	La Have	19	211 10
83308	Ella	Liverpool	10	Jennis C. Hanson	Mahone Bay	1	16 90

4 GEORGE V., A. 1914

LIST of Vessels which received Fishing Bounty, &c.—Nova Scotia—*Continued.*LUNENBURG COUNTY—*Continued.*

Official Number.	Name of Vessel.	Port of Registry	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid	Amount of Bounty paid.
							\$ cts.
121994	Ella Mason.....	Lunenburg.....	74	Jeffrey Publicover..	La Have.....	17	191 30
130690	Elsie C.....	".....	10	Wm. Cross.....	Big Tancook.....	3	30 70
130827	Elsie L. Corkum..	".....	97	Harold Corkum.....	E. M. La Have.....	21	224 90
122318	Elsie M. Walters..	".....	97	W. N. Reinhardt..	La Have.....	15	183 50
130819	Elsie Porter.....	".....	100	".....	".....	19	211 10
131079	Elsie S.....	".....	10	Robert Schnare.....	Blandford.....	2	23 80
126116	Elva Blanche.....	".....	79	J. Ernst & Son.....	Mahone Bay.....	17	196 30
131073	Estey.....	".....	10	Nathan Silver.....	Lunenburg.....	3	30 70
112087	Ethel.....	".....	99	W. N. Reinhardt..	La Have.....	17	197 30
130687	Eva E. L.....	".....	11	Leslie Awalt.....	Bayswater.....	3	31 70
116518	Eva June.....	".....	93	Wm. C. Smith.....	Lunenburg.....	18	204 20
126814	Evelyn V. Miller..	".....	99	H. W. Adams.....	".....	20	218 00
130728	F. M. Toro.....	".....	100	E. Fenwick Zwicker..	".....	20	218 00
122304	Falcon.....	".....	85	Edmen Walters.....	Parks Creek.....	18	204 20
130734	Falka.....	".....	100	E. Fenwick Zwicker..	Lunenburg.....	17	197 30
130830	Florence E. Getson	".....	99	W. N. Reinhardt..	La Have.....	17	197 30
107350	Forrester.....	".....	23	J. W. McLachlan..	Lunenburg.....	5	57 50
130575	Forman F.....	".....	14	Obediah Fleet.....	Blandford.....	2	27 80
126581	Frank H. Adams..	".....	93	Freeman Anderson..	Lunenburg.....	20	218 00
130825	Frank J. Brinton..	".....	92	William Gillfoxy..	".....	19	211 10
116525	Gatherer.....	".....	15	W. H. Publicover..	Blandford.....	3	35 70
130464	Gigantic.....	".....	99	A. V. Conrad.....	Parks Creek.....	19	211 10
130812	Gladys & Lilian..	".....	84	H. W. Adams.....	Lunenburg.....	17	137 30
121851	Gladys B. Smith..	".....	100	Wm. C. Smith.....	".....	20	218 00
122316	Goldie Belle.....	".....	79	J. Ernst & Son.....	Mahone Bay.....	11	154 90
122003	Grace Darling.....	".....	64	Augustus Lantz.....	".....	7	112 30
116527	Guide.....	".....	73	Norman Reinhardt..	La Have.....	16	183 40
131068	H. Mason.....	".....	10	Casper Mason.....	Eastern Points..	2	23 80
130678	Harper.....	".....	10	Harris Publicover..	Blandford.....	2	23 80
130461	Harry W. Adams..	".....	99	H. W. Adams.....	Lunenburg.....	19	211 10
126392	Hawanee.....	".....	99	Wm. C. Smith.....	".....	20	218 00
126102	Hazel L. Ritcey..	".....	92	Lemuel Ritcey.....	Riverport.....	17	197 30
122005	Hy. L. Montague..	".....	96	Wm. C. Smith.....	Lunenburg.....	21	224 90
121857	Hiawatha.....	".....	99	".....	".....	17	197 30
121993	Hilda M. Backman	".....	81	Willetts Conrad.....	Rose Bay.....	15	183 50
130684	Hollo.....	".....	11	Ozem Hubley.....	Bayswater.....	4	38 60
131072	Howker.....	".....	12	Ainslie Gates.....	Blandford.....	3	32 70
131077	Hosie.....	".....	10	Steadman Wilnoff..	Big Tancook.....	3	30 70
130675	Hughie V. L.....	".....	11	Rogers Levy.....	Little Tancook..	2	24 80
130950	Hurrah.....	".....	13	Otis Stevens.....	Big Tancook.....	5	47 50
112089	Iona W.....	".....	78	J. Ernst & Son.....	Mahone Bay.....	13	167 70
126813	Itaska.....	".....	100	E. Fenwick Zwicker..	Lunenburg.....	20	218 00
107116	Ivy.....	".....	12	John Backman.....	".....	2	25 80
126584	J. B. Young.....	".....	100	John B. Young.....	".....	21	224 90
130943	J. D. Hazen.....	".....	99	Wm. C. Smith.....	".....	21	224 90
130467	Jennie E. Duff..	".....	99	H. Himmelman.....	Rose Bay.....	20	218 00
126822	Jennie E. Ritcey..	".....	97	Wm. C. Smith.....	Lunenburg.....	20	218 00
111726	Juanita.....	".....	100	".....	".....	20	218 00
126819	Laura M. Levy.....	".....	11	Maynard Levy.....	".....	3	31 70
130473	Lavina B.....	".....	11	Maynard Boutillier..	Mill Cove.....	4	38 60
130959	Leta J. Schwartz..	".....	95	E. Fenwick Zwicker..	Lunenburg.....	21	224 90
130462	Lewis H. Smith..	".....	98	Wm. C. Smith.....	".....	19	211 10
130815	Lillian B. Corkum	".....	97	E. Fenwick Zwicker..	".....	19	211 10
130811	Lillian M. Richard	".....	98	Elias Richard Jr..	La Have.....	22	231 80
126821	Lloyd George.....	".....	99	David Ritcey.....	Riverport.....	19	211 10
131065	Lois M. C.....	".....	12	Alvin Cross.....	Big Tancook.....	4	39 60
130570	Lottie B. L.....	".....	11	Albert Levy.....	Little Tancook..	3	31 70
130685	Lottie M. Blanche	".....	12	David Moland.....	East Chester....	3	32 70
130420	Lottie A. Silver..	".....	96	Russell Silver.....	Lunenburg.....	19	211 10
130730	Lowell F. Parks..	".....	99	Robert Parks.....	La Have.....	17	197 30
111735	Lucania.....	".....	99	John Creaser.....	Riverport.....	17	197 30

SESSIONAL PAPER No. 22

LIST of Vessels which received Fishing Bounty, &c.—Nova Scotia—*Continued.*LUNENBURG COUNTY—*Continued.*

Official number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
130814	Lucille B. Creaser.	Lunenburg.	99	Arthur Creaser . . .	Riverport.	19	211 10
131074	Lunenburg.	"	10	George Baker.	Cross Island.	3	30 70
130732	M. M. Gardner.	"	100	Wm. C. Smith.	Lunenburg.	20	218 00
130477	Madge A. P.	"	10	Chauncey Publicover.	Blandford.	3	30 70
112112	Maimie Dell.	"	98	C. U. Mader.	Mahone Bay.	17	197 30
116523	Mankato.	"	76	Edmen Walters.	Parks Creek.	17	193 30
121862	Marina.	"	78	A. V. Conrad.	"	18	202 20
111709	Mariner.	"	100	E. Fenwick Zwicker.	Lunenburg.	17	197 30
130829	Marion A. Silver.	"	99	Robert Silver.	Riverport.	19	211 10
130816	Marion Adams.	"	99	H. W. Adams.	Lunenburg.	19	211 10
126820	Marion Mosher.	"	93	J. M. Rhodenizer.	"	21	224 90
126829	Mark Twain.	"	12	William Wight Sr.	Eastern Points.	3	32 70
130941	Mary & Mildred	"	100	C. Iversen.	Lunenburg.	23	238 70
130822	Matanzas.	"	96	Wm. C. Smith.	"	20	218 00
130736	Matapedia.	"	98	J. E. Backman.	Riverport.	22	231 80
130676	Matilda H.	"	11	Collins Heisler.	Big Tancook.	3	31 70
121854	Mattawa.	"	96	E. Fenwick Zwicker.	Lunenburg.	17	197 30
126588	Mayola.	"	119	J. F. Risser.	Riverport.	19	211 10
121861	Medina A.	"	74	Josiah Lohnes.	La Have.	17	191 30
121865	Millie Louise.	"	80	J. Ernst & Son.	Mahone Bay.	15	183 50
126107	Minnie M. Mosher	"	73	J. E. Backman.	Riverport.	14	169 60
116525	Montana.	"	85	"	"	17	197 30
111645	Moran.	"	100	Fraser Gray.	La Have.	18	204 20
126113	Muriel B. Walters.	"	98	Angus Walters.	Lunenburg.	20	218 00
130733	Muriel E. Winters	"	100	Freeman Anderson.	"	19	211 10
130575	Muriel L.	"	15	Peter Lowe.	Blandford.	3	35 70
130479	Muriel M. Richard	"	97	William Richard.	La Have.	25	252 50
122007	Muriel M. Young.	"	100	John B. Young.	Lunenburg.	18	204 20
130469	Natoma.	"	92	William Duff.	"	18	204 20
122008	Nicola.	"	99	Eleazar Zinck.	"	19	211 10
130476	Nita M. Conrad.	"	91	Wm. C. Smith.	"	20	218 00
126827	Nobility.	"	99	Hiram Ritecy.	Riverport.	20	218.00
130955	No Tow.	"	15	Harry Publicover.	Blandford.	2	28 80
112106	Oregon.	"	99	W. N. Reinhardt.	La Have.	17	197 30
130826	Original.	"	100	Wm. C. Smith.	Lunenburg.	20	218 00
130683	Oriole L.	"	10	William Levy.	Lit. Tancook.	3	30 70
130572	Otokia.	"	89	J. Ernst & Son.	Mahone Bay.	17	197 30
131067	P. C. Mason.	"	11	Phineas Mason.	Eastern Points.	2	24 80
111642	Palatia.	"	95	Wm. Arenburg.	Lunenburg.	17	197 30
130671	Pauline L.	"	15	Harold Ernst.	"	3	35 70
126589	Percival S. Parks.	"	109	Simon Parks.	Parks Creek.	19	211 10
121869	Petite.	"	61	A. H. Sperry.	Petite Rivière.	16	171 40
130828	Phyllis L. West- haver	"	99	J. M. Rhodenizer.	Lunenburg.	20	218 00
111402	Protector.	"	95	W. N. Reinhardt.	La Have.	18	204 20
130817	R. L. Borden.	"	99	G. A. Himmelman.	Riverport.	22	231 80
130957	Rakwana.	"	11	Daniel Smith.	Cross Island.	3	31 70
130569	Rebecca M. L.	"	11	Nathaniel Levy.	Lit. Tancook.	3	31 70
130674	Reggie P. P.	"	11	Norman Publicover.	Blandford.	2	24 80
126114	Revenue.	"	99	Wm. C. Smith.	Lunenburg.	20	218 00
130478	Review.	"	74	J. N. Rafuse.	Conquerall Bank.	16	184 40
111648	Riviera.	"	96	Jas. Shankle.	La Have.	18	204 20
130480	Roland A. T.	"	11	Abraham Knickle.	Blue Rocks.	4	38 60
130946	Ronald C.	"	14	Clarence Tanner.	Black Rocks.	3	34 70
121856	Ronald C. Smith.	"	100	Wm. C. Smith.	Lunenburg.	18	204 20
130689	Rosanna T.	"	11	Israel Tanner.	Eastern Points.	2	24 80
126034	Russel H. Lentz.	"	99	A. V. Conrad.	Parks Creek.	19	211 10
130685	S. F. Levy.	"	12	Hezekiah Levy.	Lit. Tancook.	3	32 70
130580	Sadie Evelyn.	"	11	Marcus Publicover.	Blandford.	2	24 80
126826	Sadie J. Risser.	"	11	Elijah Risser.	La Have Islds.	3	31 70
111741	Saratoga.	"	92	C. U. Mader.	Mahone Bay.	17	197 30
130724	Sealer.	"	11	Amos Levy.	Cross Island.	2	24 80

4 GEORGE V., A. 1914

LIST of Vessels which received Fishing Bounty, &c.—Nova Scotia—*Continued.*LUNENBURG COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	Number of Crew paid.	Amount of Bounty paid. \$ cts.
126582	Sesame.	Lunenburg.	15	Joshua Ernst.	Pleasantville.	3	35 70
130474	Shant-Alee.	"	11	James Wight.	Eastern Points.	3	31 70
130471	Skip.	"	11	Arthur Mason.	"	3	31 70
126590	Uda A. Saunders.	"	95	E. Fenwick Zwicker.	Lunenburg.	20	218 00
112117	Ulva.	"	99	A. V. Conrad.	Parks Creek.	17	197 30
122306	Undaunted.	"	15	Jas. Oxner.	Dublin Shore.	4	42 60
131063	Vernie S.	"	10	Albert Stevens.	Big Tancook.	2	23 80
130579	Victor S.	"	11	Freeman Jollymore.	Mill Cove.	3	31 70
116504	W. C. Silver.	"	91	H. W. Adams.	Lunenburg.	20	218 00
130824	W. H. Smith.	"	94	Wm. C. Smith.	"	17	197 30
130682	Warren G. C.	"	12	Daniel Gilfoy.	"	2	25 80
126120	Warren G. Winters.	"	95	Freeman Anderson.	"	18	204 20
126115	Watauga.	"	99	H. W. Adams.	"	19	211 10
126818	William C. Smith.	"	99	Wm. C. Smith.	"	20	218 00
121852	Winnifred.	"	99	J. Ernst & Son.	Mahone Bay.	18	204 20
112127	Yamaska.	"	98	Wm. C. Smith.	Lunenburg.	17	197 30
111419	Yukon.	"	97	"	"	18	204 20
130813	Zelma T. Young.	"	15	Victor Zinck.	Blandford.	2	28 80

QUEENS COUNTY.

121685	Augusta.	Yarmouth.	11	Ambrose Verge.	Port Medway.	2	24 80
96970	Charlie Richardson.	Shelburne.	26	Alex Doggett.	Summerville.	3	46 70
130677	Cunner.	Lunenburg.	10	Thomas Smith.	S.W. Port Mouton.	3	30 70
122002	Dolly Grey.	"	13	Henry S. MacDonald.	Port Joli.	4	30 60
122235	Ena A.	Barrington.	12	Walter S. Leaman.	Port Medway.	3	32 70
116520	Evelyn.	Lunenburg.	18	Bernard Wharton.	Beach Meadows.	5	52 50
107054	Favorite.	Liverpool.	28	Joseph Corkum.	"	5	62 50
121877	Florence C.	Yarmouth.	15	Rufus F. Weagle.	Moose Harbour.	4	42 60
116352	G. B. Zwicker.	Port Medway.	13	Chas. Zwicker.	Port Medway.	3	35 70
130247	Gaetta.	"	16	Stanley E. Parke.	"	2	29 80
122239	Hilda Brannen.	Liverpool.	10	Merrill Pentz.	Beach Meadows.	2	23 80
122105	Lottie G.	Yarmouth.	10	S. A. Leaman.	Port Medway.	3	30 70
126184	Marion C.	Liverpool.	11	A. A. Payzant.	Western Head.	3	31 70
112104	Nina.	Port Medway.	10	John Wagner Sr.	Port Medway.	2	23 80
121893	Orinoco.	Liverpool.	15	G. S. Smith.	Hunts Point.	3	35 70
130725	W. Baker.	Lunenburg.	10	William Baker.	Moose Harbour.	3	30 70

RICHMOND COUNTY.

116657	Alice M.	Yarmouth.	26	Thos. R. Boudrot.	Petit de Grat.	7	74 30
111472	Annie May.	Arichat.	17	Peter Landry.	"	4	44 60
103463	Annie May.	"	11	Henry LeLacheur.	Martinique.	4	38 60
75561	Boreas.	Lunenburg.	41	John A. Colford.	Port Malcom.	2	54 80
74100	Candid.	Arichat.	23	Chas. LeBlanc.	River Bourgeois.	3	43 70
111739	Clarence B.	"	90	Stewart Fisheries Ltd.	St. Peters.	18	204 20
130355	E. L. Comeau.	"	14	Alex. A. Boudreau.	Petit de Grat.	4	41 60
116343	Eva May.	"	11	Thos. A. Boudreau.	"	2	24 80
80829	Florence B.	"	32	Chas. Boudrot.	River Bourgeois.	10	101 00
117091	Hazel Maud.	"	10	Alcide Goyette.	Cape Auguet.	3	30 70
100161	Hilda Maud.	Pt. Hawkesbury.	46	John D. Malcom.	Port Malcom.	5	80 50
100490	Irene M. B.	Lunenburg.	66	Frederick Poirier.	Descousse.	15	169 50
122183	Justina.	Arichat.	10	Isaie Boudreau.	River Bourgeois.	2	23 80
103469	Katie B.	"	16	John Burke.	"	5	48 50
111795	Katie J.	Pt. Hawkesbury.	11	Lawrence Lavache.	West Arichat.	2	24 80
111480	Lady Laurier.	Arichat.	12	Simon A. Boudreau.	Petit de Grat.	1	18 90
117092	Lass of Gowrie.	"	14	Joseph Pettipas.	Arichat.	3	34 70

SESSIONAL PAPER No. 22

List of Vessels which received Fishing Bounty, &c.—Nova Scotia—Continued.

RICHMOND COUNTY—Concluded.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid	Amount of Bounty paid.
107374	Leah Hardy.....	Sydney.....	20	Peter Landry.....	Sampsonville.....	5	\$ 54 50
111905	Lena Jane.....	Arichat.....	11	Dominique Boudrot..	Petit de Grat.....	5	45 50
103467	Lizzie May.....	".....	11	Simon LeBlanc.....	".....	3	31 70
116350	Maggie F.....	".....	14	Alexis Paccardax.....	Gulley.....	5	48 50
116345	Mary Alice.....	".....	10	Patk. E. Sampson.....	Lr. L'Ardoise.....	3	30 70
111479	Mary Atalanta..	".....	15	Albini Sampson.....	River Bourgoies..	2	28 80
117099	Mary J.....	".....	33	Henry Sampson.....	".....	2	43 80
103462	Maud.....	".....	20	Henry Duyon.....	Arichat.....	2	33 80
72067	Minnie.....	Pt. Hawkesbury..	26	John Pelham.....	Janvrin Island....	5	60 50
111907	Minnie A.....	Arichat.....	46	Abram J. Burke.....	River Bourgoies..	10	115 00
117095	Rodrid Grace.....	".....	17	Hubert Birrette.....	Lr. L'Ardoise.....	3	37 70
116272	Rosie M. B.....	Halifax.....	75	Anselme Sampson.....	River Bourgeois..	14	171 60
107318	St. Stephen.....	".....	19	Chas. W. McKenzie..	Lr. L'Ardoise.....	4	46 60
96962	Sunrise.....	Yarmouth.....	18	Daniel Burke.....	River Bourgeois..	5	32 50
103460	Two Brothers.....	Arichat.....	18	Maurice Peters.....	Lr. L'Ardoise.....	5	52 50
122190	Virginie S.....	".....	16	Elias V. Landry.....	Petit de Grat.....	6	57 40
111974	Volunteer.....	Pt. Hawkesbury..	14	David A. Boudrot....	".....	2	27 80
100812	Wyvern.....	Barrington.....	25	J. D. Walker.....	Walkerville.....	3	45 70

SHELBURNE COUNTY.

121808	Abbie.....	Barrington.....	10	F. B. Hopkins.....	Barrington.....	2	23 80
121802	Abbie May.....	".....	10	Chas. E. Rapp.....	McNutt's Island..	2	23 80
121801	Alice M. Atwood..	Yarmouth.....	10	Geo. L. Nickerson....	Woods Harbour...	4	37 60
122133	Alter C.....	".....	10	John Y. Smith.....	Baccaro.....	3	30 70
122149	Alva.....	".....	11	Geo. H. Lyle.....	Reynolds Croft...	4	38 60
122579	Amerite.....	".....	12	Fred. Swim.....	Clark's Harbour...	3	32 70
122093	Anita.....	".....	11	Willard Matthews....	E. Ragged Island..	3	31 70
117134	Annie Lue.....	".....	10	John A. Smith.....	Port La Tour.....	4	37 60
121890	Annie Smith.....	".....	13	E. P. Crowell.....	Up. Port La Tour..	5	47 50
100612	Ardella.....	Shelburne.....	10	Eleazar Crowe.....	Sandy Point.....	4	37 60
116824	Avis Pauline.....	Barrington.....	12	Peter Kenney.....	Clark's Harbour...	3	32 70
122453	Bertha A.....	Yarmouth.....	12	Thomas Ross.....	Up. Port La Tour..	3	32 70
130508	Blanchard C.....	Shelburne.....	11	Austin Swansburg....	Little Harbour...	4	38 60
121806	Blanche.....	Yarmouth.....	10	Hartley Sears.....	Woods Harbour...	2	23 80
103186	Brittania.....	Shelburne.....	11	Ross Enslow.....	Green Harbour...	4	38 60
122288	Buema.....	".....	36	H. R. Swim.....	Lockeport.....	8	91 20
121886	Carrie.....	Yarmouth.....	10	Thomas Duncan.....	Clark's Harbour...	1	16 90
122094	Clara M. Smith...	".....	10	Fred C. Smith.....	Newellton.....	3	30 70
116826	Claremont A.....	Barrington.....	11	John Bateman.....	Stoney Island.....	3	31 70
121681	Claymore.....	Yarmouth.....	10	J. R. Shand.....	Bear Point.....	4	37 60
121683	D. E. Nickerson..	".....	10	John W. Hemeon....	Sandy Point.....	4	37 60
121882	Dorothy.....	".....	10	Geo. H. Deinstadt...	Churchover.....	2	23 80
122570	Edna M.....	".....	11	Wilbur Halliday....	Bear Point.....	4	38 60
122470	Elva Belle.....	".....	11	Burns McKenzie.....	Green Harbour...	4	38 60
130504	Eila M. Rudolph..	Shelburne.....	54	Wm. McMillan.....	Lookeport.....	12	136 80
122467	Enterprise.....	Yarmouth.....	10	Oscar Gardner.....	Port La Tour.....	4	37 60
126344	Erzie G. Mildred..	Barrington.....	10	Jethro Goodick.....	Sandy Point.....	4	37 60
121688	Ethel May.....	Yarmouth.....	10	Thos. S. Messenger...	West Head.....	5	44 50
121796	Etta N.....	".....	10	Albert Crowell.....	Lockeport.....	3	30 70
121901	Eva M.....	Barrington.....	11	Edward Goodick.....	Sandy Point.....	5	45 50
126345	Eva S.....	".....	10	Gabriel Swim.....	Clark's Harbour...	4	37 60
117048	Kvangeline.....	".....	11	Foster Crowell.....	".....	3	31 70
121804	Fish Hawk.....	Yarmouth.....	10	Ernest Swim.....	".....	2	23 80
122146	Flirt.....	".....	16	H. D. Smith.....	Smithville.....	4	43 60
122106	Florence M.....	".....	10	Jno. E. Nickerson....	West Head.....	3	30 70
122575	Fly.....	Barrington.....	10	Albert D. Snow.....	Port La Tour.....	3	30 70
117045	Fred C.....	".....	12	C. E. Nickerson.....	Villagedale.....	4	39 60
121907	Freda N. Nickerson	".....	12	P. W. Nickerson.....	Stoney Island.....	6	53 40
121793	Fredona.....	Yarmouth.....	10	Samuel Hopkins.....	Clark's Island.....	4	37 60

4 GEORGE V., A. 1914

List of Vessels which received Fishing Bounty, &c.—Nova Scotia—Continued.

SHELBURNE COUNTY—Continued.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid.
							\$ cts.
122282	G. M. Stephens	Shelburne	12	H. R. Swim	Lockeport	2	25 80
111876	Geneva May	Yarmouth	71	Norman Smith	Woods Harbour	6	112 40
122142	Gertrude	"	10	Mitchell Smith	Doctor's Cove	4	37 60
121238	Gladiator	Shelburne	11	Hugh McAlpine	Lockeport	4	38 60
122468	Gladys	Yarmouth	11	Clayton M. Shand	Shag Harbour	3	11 00
122463	Gladys M.	"	10	Jas. C. Ross	Up. Port La Tour	3	30 70
130507	Gladys Thorburn	Shelburne	39	Jno. H. Thorburn	Sandy Point	7	87 30
116894	Harry M. Johnson	Yarmouth	14	Millage Atkinson	Clark's Harbour	3	34 70
121797	Hattie & Ina	"	10	Arnold Doane	Carleton Village	2	23 80
121805	Hattie Quinlen	"	10	Carmi Nickerson	The Hawk	4	37 60
122139	Hazel	"	10	Geo. Crowell	Atwoods Brook	3	30 70
122289	Helen and Hilda	Shelburne	16	Fred C. McLean	Port Saxon	3	36 70
122100	Helen C.	Yarmouth	10	Nehemiah Crowell	Woods Harbour	3	36 70
122232	Helen Davis	Barrington	12	Floyd Ross	Stoney Island	4	39 60
126185	Helen Glenn	Shelburne	10	Edwd. Hammond	Lr. Jordan Bay	4	37 60
122237	Helena Maud	Barrington	12	A. Bradford Smith	Newellton	2	24 80
122141	Hillside	Yarmouth	10	Jno. C. Williams	Green Harbour	3	30 70
126347	Ida M. Cunningham	Barrington	16	B. F. Cunningham	South Side	4	43 60
117131	Ilona & Ida	Yarmouth	13	H. H. Brannen	Stoney Island	6	54 40
112904	Iona & Maggie	Barrington	11	Whitman Ross	"	5	45 50
116853	J. J. Cox	Shelburne	65	Robt. L. McCarthy	Shelburne	9	127 10
116822	Jennet	Barrington	11	Clarence McKay	Roseway	3	31 70
122138	Jennie L.	Yarmouth	10	Jas. A. Smith	Smithville	4	37 60
116823	Jessie Roy	Barrington	12	J. A. Crowell	Clark's Harbour	4	39 60
121795	John L.	Yarmouth	11	Bert Hipson	Sandy Point	3	31 70
121692	Josephine	"	10	Fred Newell	West Head	4	37 60
126670	Julie Opp	Shelburne	38	H. R. Swim	Lockeport	11	113 90
117136	Laura B.	Yarmouth	10	C. D. Atkinson	Stoney Island	4	37 60
121887	Lena	"	11	Jos. Nickerson	The Hawk	3	31 70
122458	Lila A.	Barrington	10	H. S. Atkinson	Stoney Island	3	30 70
122435	Lizzie A.	Yarmouth	33	H. R. L. Bill	Lockeport	10	102 00
126188	Lulu S.	Shelburne	23	H. R. Swim	"	2	36 80
121880	Mabel C.	Barrington	10	Wm. R. Reed	Stoney Island	5	44 50
122140	Mabel L.	Yarmouth	10	Jos. Larkin	Shag Harbour	4	37 60
121799	Mabel V.	"	10	Daniel V. Smith	Clark's Harbour	4	37 60
121888	Margaret	"	10	Jos. G. Hopkins	"	4	37 60
116854	Mariana	Shelburne	33	H. R. L. Bill	Lockeport	10	102 00
121803	Mary J.	Yarmouth	10	Mark Atwood	The Hawk	4	37 60
83434	Mary May	Shelburne	20	Adam Firth	Shelburne	5	54 50
121879	Matilda	Yarmouth	10	Eugene Nickerson	Bear Point	3	30 70
122234	Minnie Laura	Barrington	11	Cornelius Maxwell	Clark's Harbour	5	45 50
121905	Mira E. Smith	"	14	E. P. Crowell	Up. Port La Tour	4	41 60
103800	Nellie I. King	Shelburne	99	Geo. H. King	Sandy Point	19	211 10
122457	Nema & Millie	Yarmouth	11	Sanford Slate	Cape Negro	3	31 70
117132	Nema D.	"	10	Wm. O. Crowell	Barrington	3	30 70
122104	Ocean Spray	"	11	C. E. Atkinson	Newellton	3	31 70
117050	Olive R.	Barrington	14	H. R. Swim	Lockeport	3	34 70
122233	R. H. Milford	"	13	Isaiah Newell	West Head	2	26 80
130506	R. L. McKenzie	Shelburne	33	Ralph McKenzie	Lockeport	9	95 10
122469	Raymond C.	Yarmouth	11	Robt. L. Newell	West Head	4	38 60
122466	Rilla May	"	12	L. J. Nickerson	"	4	39 60
130509	Roseway	Shelburne	37	Roseway Fish Co.	Shelburne	1	43 90
126342	Sakotis	Barrington	11	Benj. J. Newell	West Head	4	38 60
121878	Selma	Yarmouth	14	Chas. Hubbard	Charlesville	4	41 60
103783	Springwood	Shelburne	98	Wm. McMillan	Lockeport	18	204 20
90648	Stranger	Barrington	20	Wm. H. Swim	Barrington Passage	4	47 60
122236	Thelma B*	"	12	W. D. Williams	E. Green Hbr.	4	12 00
122236	Thelma B.	"	12	Geo. S. Decker	Little Hbr.	4	39 60
116895	Thelma E.	Shelburne	11	Rufus T. Acker	Shelburne	3	31 70
122091	Thistle	Barrington	10	Robt. Brannen	Clarks Hbr.	3	30 70
117046	Three Brothers	"	13	Thos. I. Newell	West Head	3	33 70
116448	Togo	Shelburne	18	Edmund C. Locke	Lockeport	5	52 50

*For 1911.

SESSIONAL PAPER No. 22

List of Vessels which received Fishing Bounty, &c.—Nova Scotia—Continued.

SHELBURNE COUNTY—Concluded.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. % cts.
116893	Togo	Yarmouth	12	P. W. Stoddart	Woods Hbr.	6	53 40
121792	Twin Sisters	"	10	Osborne Smith	The Hawk	4	37 60
122107	Two Sisters	"	10	Thos. H. Chetwynd . .	Woods Hbr.	4	37 60
121699	Una	"	10	Randall McKinnon . .	Clarks Hbr.	2	23 80
117143	Valmore	Halifax	11	Clayton Collopy	Lockeport	3	31 70
121696	W. F. Brittliffe	Shelburne	10	Wm. A. Hallett	Shelburne	2	23 80
77744	Whip-poor-Will	"	17	Isaac Ringer	Sand Point	3	37 70
122150	Wilford H.	Yarmouth	11	David T. Horton	Up. Port La Tour . .	3	31 70
122464	Willie M.	"	14	Foster Salisbury	Port La Tour	4	41 60
121690	Winnifred	"	10	Allen Nickerson	Clark's Hbr.	3	30 70
116449	Zephyr	Shelburne	11	Sanford Greenwood . .	Port Saxon	3	31 70

VICTORIA COUNTY.

117028	Anna F.	Sydney	14	Jas. G. Brewer	South Ingonish . . .	2	27 80
126028	Beatrice Donovan . . .	"	18	William Donovan . . .	"	5	52 50
130369	Edna R. Hines	"	18	Angus J. Hines	Ingonish Ferry . . .	5	52 50
126562	Howley Brothers . . .	"	11	James Hawley	"	5	45 50
122120	Julia F. C.	"	12	Thos. A. Young	South Ingonish . . .	5	46 50
130362	M. A. McDonald . . .	"	17	Angus McDonald . . .	"	5	51 50
130366	M. T. Williams	"	16	Wm. Williams	"	3	36 70
107355	Mary E.	"	10	Allen McIntyre	"	5	44 50
117026	Mary E. Daisley . . .	"	16	Avery Daisley	Dingwall	2	29 80
100444	Stella May	Canso	12	Simon P. Hawley	Ingonish Ferry . . .	4	39 60
126567	T. W. J. Whittier . . .	Sydney	15	Timothy Whittie	South Ingonish . . .	5	49 50
130363	V. F. Williams	"	13	Vincent Williams . . .	"	3	33 70
130367	William Thomas	"	14	Patrick Doyle	"	3	34 70

YARMOUTH COUNTY.

121876	Adoriam	Yarmouth	15	O. D. Van Amburg . . .	Pubnico Head . . .	1	21 90
116898	Agnes M.	"	11	Geo. Doucette	Tusket	2	24 80
126808	Agnes Pauline	"	71	R. N. D'Entremont . .	W. Pubnico	16	181 40
111879	Annie B.	"	20	Theo. D'Entremont . .	"	8	75 20
121652	Arabia	"	10	Adolphe LeBlanc	Wedgeport	2	22 80
121698	Argo	"	10	Theophile Jacquard . . .	Comeau Hill	1	16 90
121695	Aroma S.	"	10	Cesar Amiro	East Pubnico	4	37 60
122586	Aspinet	"	14	Arthur McComiskey . .	L. E. Pubnico	5	48 50
121694	Columbia	"	10	Fred M. Murphy	Pubnico Head	2	23 80
100605	Dawn	"	49	Yarmouth Trad'g Co. . .	Yarmouth	10	118 00
116205	Eddie James	"	79	"	"	18	203 20
116528	Edith F. S.	"	67	"	"	17	184 30
126807	Elizabeth D.	"	79	S. D. D'Entremont . . .	L. W. Pubnico	20	217 00
122584	Emellen Burke	"	90	Henry Lewis	Yarmouth	15	183 50
121809	Estella	"	11	Albt. E. Carland	Pubnico Head	1	17 90
122137	Etta M.	"	10	Alexr. Surette	Wedgeport	3	30 70
122461	Eva E.	"	10	Aaron Allen	Yarmouth	4	37 60
121872	Francis A.	"	93	Yarmouth Trad'g Co. . .	"	20	218 00
122574	Gladys Olia	"	10	Wm. McNair	Argyle Sound	2	23 80
103717	Henry L.	"	10	A. C. D'Entremont . . .	West Pubnico	3	30 70
122099	Hilda	"	17	Henry Boudreau	Wedgeport	4	44 60
121655	Indiana	Yarmouth	10	Chas. A. Lowe	Deep Cove Isld . . .	3	30 70
122454	Industry	Barrington	11	Nathaniel J. Sears . . .	Port Maitland	5	45 50
122290	Kernwood	Yarmouth	84	Stephen D. Killam	Yarmouth	18	204 20
116204	Laurie J.	"	65	E. J. D'Entremont . . .	West Pubnico	18	189 20
103709	Lizzie E.	"	19	E. Juston Ellis	Port Maitland	4	46 60
130625	Louis P.	"	60	L. P. D'Entremont . . .	West Pubnico	12	142 80

4 GEORGE V., A. 1914

List of Vessels which received Fishing Bounty, &c.—Nova Scotia—*Concluded.*YARMOUTH COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Cwner or Managing Owner.	Residence.	Number of Crew paid.	Amount of Bounty paid.
							\$ cts.
116210	Lucy A.....	Yarmouth . . .	32	Eloi J. LeBlanc.....	Wedgeport.	1	38 90
116899	Lydia L.....	"	14	Chas. D. LeBlanc....	Plymouth.	1	20 90
121903	M. F. Atwood....	Barrington.....	15	Jno. Surette.	Morris Isld.	5	49 50
116658	Mabel A.....	Yarmouth.....	15	Yarmouth Trad'g Co.	Yarmouth.....	4	42 60
122231	Minola.....	Barrington.....	13	Douglas Cardiner....	Argyle Sound....	3	33 70
121687	Monitor.....	Yarmouth.....	10	Benj. Hersey.....	Port Maitland....	5	44 50
126187	Nathalie.....	"	28	Yarmouth Trad'g Co.	Yarmouth.....	11	103 90
111875	Nelson A.....	"	72	"	"	17	189 30
122136	Nyctia.....	"	10	Nemiah Larkin.....	L. E. Pubnico....	3	30 70
103706	Regine.....	"	10	T. A. D'Entremont..	West Pubnico....	4	37 60
117044	S. B. Millard....	Barrington.....	20	Actime Amiro.....	"	7	68 30
100323	Senora.....	Yarmouth.....	85	Marc A. Surette.....	"	21	224 90
121875	Toronto.....	"	13	Jos. Atkins.....	Darling Lake....	2	26 80
103711	Venite.....	"	24	Jas. E. Crosby.....	Yarmouth.....	5	58 50
122134	Venus.....	"	10	L. A. D'Entremont..	W. Pubnico.....	2	23 80
121873	Viola S.....	"	16	Wm. McNair.....	Argyle Sound....	3	36 70
122452	Virginia.....	Barrington.....	17	Jas. L. Purdy.....	Rockville.....	5	51 50
117042	White Eagle.....	"	10	Gervais Muise.....	Surette Isld.....	5	44 50
122465	White Wing.....	Yarmouth.....	11	Jos. Harris.....	Yarmouth.....	2	24 80

PROVINCE OF NEW-BRUNSWICK.

CHARLOTTE COUNTY.

122250	Bonita.....	St Andrews... .	15	Benj. Carter.....	Seeleys Cove.....	3	35 70
116239	Edna L.....	Digby.....	11	Jos. A. Comeau....	Beaver Hbr.....	1	17 90
8C802	Ella Mabel.. . .	St. Andrews... .	14	E. G. Lee.....	"	1	20 90
111527	Etta H.....	Digby.....	10	Geo. Justason.	Blacks Hbr.....	3	30 70
80803	Exenia.....	Windsor.....	18	Jno. R. Moses.....	North Head.....	6	59 40
107910	Grace & Ethel..	St. Andrews... .	16	A. Ingersoll.....	Woodwards Cove.	4	43 60
111839	Barry C.....	Digby.....	16	Lewis Matthews....	Letete.....	4	43 60
122248	Hattie B.....	St. Andrews... .	10	Wilmot Benson.....	Seal Cove.....	3	30 70
107437	Hattie L.....	"	12	Edwd. Ingalls.....	Grand Hbr.....	2	25 80
111688	Hazelwood.....	Shelburne.....	29	Geo. C. Stevens....	Freeport.....	1	35 90
103121	Island Girl.....	St. Andrews... .	17	Birdell Lambert....	Woodwards Cove..	1	23 90
103992	Jessie James....	"	11	Josephine Frankland.	White Head... .	2	24 80
122042	Lyla H.....	"	11	Chester Frankland..	"	3	31 70
83473	Porpoise.....	"	32	Chas. Spear.....	Seeleys Cove....	3	52 70
107904	Quoddy Queen ..	"	13	Chas. Matthews....	Letete.....	1	19 90
107806	Rena F.....	"	12	Jno. Ingersoll.....	Woodwards Cove..	1	18 90
111834	Rosan.....	Digby.....	10	Jas. Scovil.....	North Head... .	1	16 90
121660	Squanto.....	Yarmouth.....	11	Guy Unquhart.....	"	3	31 70
59387	Telephone.....	St. Andrews... .	19	Alfred Stanley.....	"	7	67 30
107440	Three Links .. .	"	12	Robt. Main.....	Woodwards Cove.	4	39 60
100548	Violetta.....	"	11	Wm. M. Tucker....	Letete.....	4	38 60
97149	Winnie.....	"	12	Joseph Holland.....	Seeleys Cove.....	4	39 60

SESSIONAL PAPER No. 22

List of Vessels which received Fishing Bounty, &c.—New Brunswick—*Continued.*

GLOUCESTER COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
72099	Adelina.....	Chatham.....	12	Patk. Blanchard, ...	Caraquet.....	5	46 50
103081	Albatross.....	".....	13	Wm. Fruing & Co....	".....	5	47 50
112156	Albert W.....	".....	10	Philorome Chiasson..	".....	5	41 50
130985	Alexisna.....	".....	17	Rpmain A. Noel.....	Lit. Lameque.....	6	58 40
122057	Alice.....	".....	15	Severe Duguay.....	".....	5	49 50
130332	Alika P.....	".....	15	Zoel Paulin.....	Lameque.....	4	42 60
112162	Alma.....	".....	12	Agapit T. Duguay...	".....	5	46 50
96739	Argeline.....	".....	14	F. T. B. Young.....	Caraquet.....	5	48 50
92419	Anna.....	".....	12	Patrice Chiasson....	Lameque.....	4	39 60
100960	Annie M.....	".....	11	W. S. Loggie Co.....	Chatham.....	4	38 60
130988	Aviator.....	".....	17	Peter S. Lanteigne...	Caraquet.....	4	44 60
103072	Ben-Hur.....	".....	11	Adolphe LeClerc.....	".....	6	52 40
100975	Big Bear.....	".....	10	Gervais Plourde.....	".....	3	30 70
100299	Blanchard.....	".....	12	Robin, Jones & Whit- man.....	".....	5	46 50
103589	Blenheim.....	".....	13	Robin, Jones & Whit- man.....	Caraquet.....	4	40 60
130657	Bolina.....	".....	20	".....	".....	4	47 60
103780	Britannia.....	".....	13	Wm. Fruing & Co....	".....	3	33 70
100780	Britannic.....	".....	12	W. S. Loggie Co.....	Chatham.....	4	39 60
111465	C. R. C.....	".....	13	Robin, Jones & Whit- man.....	Caraquet.....	5	47 50
100988	Caesar.....	".....	10	G. P. Chiasson.....	".....	4	37 60
100774	Calliope.....	".....	12	Raphael Hebert.....	".....	4	39 60
130339	Casaquet.....	".....	15	Philias Doiron.....	".....	5	49 50
103271	Celia.....	".....	11	D. D. Landry.....	".....	4	38 60
103585	Cerdic.....	".....	14	Henri X. Chenard....	".....	4	41 60
100784	Charlotte.....	".....	13	F. T. B. Young.....	".....	4	40 60
130803	Corsair.....	".....	10	Wm. Fruing & Co....	".....	4	37 60
100913	Daffodil.....	".....	10	".....	".....	4	37 60
130982	Dip-on.....	".....	12	Jno. Poirier.....	".....	4	39 60
103076	Dipper.....	".....	12	W. S. Loggie Co.....	Chatham.....	5	46 50
103948	Dora.....	".....	12	Robin, Jones & Whit- man.....	Caraquet.....	4	39 60
112155	Dora.....	".....	10	Seraphin Dorion.....	Miscou Harbour...	2	23 80
122053	Dorie.....	".....	10	Peter P. Chiasson...	Island River	3	30 70
100999	Dove.....	".....	11	Wm. Fruing & Co....	Caraquet.....	5	45 50
100998	Eagle.....	".....	10	".....	".....	4	37 60
116979	Elie Anne.....	".....	17	Jos. J. Doiron.....	".....	4	44 60
103590	Eliza.....	".....	13	Robin, Jones & Whit- man.....	".....	4	40 60
100293	Eliza.....	".....	15	F. T. B. Young.....	".....	4	42 60
130986	Emerencienne.....	".....	17	Theophile Noel.....	Lameque.....	4	44 60
100911	Emperor.....	".....	10	Wm. Fruing & Co....	Caraquet.....	4	37 60
100786	Empress.....	".....	12	F. T. B. Young.....	".....	4	39 60
100772	Estelle.....	".....	13	Harry Rive.....	".....	4	40 60
100787	Ethel.....	".....	11	F. T. B. Young.....	".....	4	38 60
122058	Evangeline.....	".....	10	Vilas Frigault.....	Mizonette.....	3	30 70
92417	Evangeline.....	".....	11	Maximin Paulin.....	Little Lameque... ..	4	38 60
103001	Falcon.....	".....	10	Jos. X. Chiasson.....	Caraquet.....	2	23 80
103077	Fame.....	".....	10	Geo. D. Mallet.....	Shippegan.....	4	37 60
122621	Fillera.....	".....	18	Harry Rive.....	Caraquet.....	4	45 60
100298	Fisher.....	".....	12	Louis Guignard.....	Lameque.....	4	39 60
130654	Fish Seeker.....	".....	20	G. J. Gallien.....	Caraquet.....	2	33 80
61445	Flavie.....	".....	13	Bruno Doiron.....	".....	4	40 60
111468	Fleetwing.....	".....	14	Wm. Fruing & Co....	".....	3	34 70
112165	Flying Cloud.....	".....	13	Jno. F. Robichaud...	Shippegan.....	4	40 60
112151	Flying Foam.....	".....	18	Robin, Jones & Whit- man.....	Caraquet.....	5	52 50
100782	Flying Foam.....	".....	12	F. T. B. Young.....	".....	4	39 60
116479	Fortuna.....	".....	10	Prosper Boudreau...	Mizonette.....	3	30 70

4 GEORGE V., A. 1914

List of Vessels which received Fishing Bounty, &c.—New Brunswick—*Continued.*GLOUCESTER COUNTY—*Continued.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
111467	Four Brothers....	Chatham.....	13	Henri Albert.....	Caraquet.....	4	40 60
100778	Gambetta.....	".....	13	W. S. Loggie Co....	Chatham.....	4	39 60
100954	Gazelle.....	".....	10	".....	".....	3	30 70
111464	Gazelle.....	".....	13	Robin, Jones & Whit- man.....	Caraquet.....	4	40 60
100968	Gem.....	".....	11	G. G. Doiron.....	Blue Cove.....	4	38 60
100778	Gem.....	".....	12	Wm. Fruing & Co..	Caraquet.....	4	39 60
103766	Genesta.....	".....	12	Philias Legere....	".....	4	39 60
116980	Georgina.....	".....	15	Gilbert Duguay....	Little Lameque...	5	49 50
103282	Gilknockie..	".....	11	F. T. B. Young...	Caraquet.....	4	38 60
130336	Ginger.....	".....	19	Luc L. Friolet.....	".....	4	46 60
111848	Gipsy.....	".....	15	Wm. Fruing & Co..	".....	4	42 60
103086	Gipsy.....	".....	20	W. S. Loggie Co....	Chatham.....	4	47 60
107775	Gold Seeker....	".....	13	Robin, Jones & Whit- man.....	Caraquet.....	4	40 60
122491	Good Intent....	".....	10	Xavier B. Noel.....	Little Lameque...	5	44 50
112157	Grasshopper....	".....	16	Harry Rive.....	Caraquet.....	4	43 60
92418	Grip.....	".....	12	Gustave Chenard...	".....	4	39 60
111849	Happy Home....	".....	16	Harry Rive.....	".....	4	43 60
100994	Hercules.....	".....	10	Leandre Paulin....	".....	4	37 60
107771	Heron.....	".....	13	Wm. Fruing & Co..	".....	4	40 60
103765	Hirondelle....	".....	11	Agapit LeClerc....	".....	4	38 60
103939	Hope.....	".....	11	Marcel Caron.....	".....	5	45 50
92409	Hope.....	".....	18	Harry Rive.....	".....	4	45 60
100906	Hotspur.....	".....	10	".....	".....	4	37 60
100779	Ibis.....	".....	11	J. T. Fournier....	Petit Rocher....	3	31 70
117181	Ida.....	".....	16	Joseph Savoy.....	Lameque.....	5	50 50
103931	Irene.....	".....	12	Wm. Fruing & Co..	Caraquet.....	4	40 60
96724	Isabel.....	".....	11	J. Bte. Hebert....	".....	5	45 50
103289	Jersey Lily....	".....	12	Wm. Fruing & Co..	".....	4	39 60
100958	John B.....	".....	11	W. S. Loggie Co....	Chatham.....	4	38 60
100965	Josephine.....	".....	11	Harry Rive.....	Caraquet.....	4	38 60
122169	Kathleen.....	".....	15	Wm. Fruing & Co..	Caraquet.....	4	42 60
111466	King Edward....	".....	14	Robin, Jones & Whit- man.....	".....	4	41 60
103949	Kingfisher....	".....	13	Wm. Fruing & Co..	".....	4	40 60
103288	Kite.....	".....	10	Patk. E. Lanteigne.	".....	4	37 60
107774	Klondyke.....	".....	14	Robin, Jones & Whit- man.....	".....	4	41 60
103283	Koh-i-noor....	".....	13	Harry Rive.....	".....	4	40 60
130984	L'Acadie.....	".....	17	Lange Aché.....	Lameque.....	5	51 50
130337	L'Acadienne....	".....	18	Jno. S. Noel.....	".....	5	52 50
111461	Ladysmith.....	".....	17	Hypolite Chiasson..	Lit. Lameque....	5	51 50
103003	Lark.....	".....	10	Wm. Fruing & Co..	Caraquet.....	4	37 60
130983	Lamecca.....	".....	19	Camille Aché.....	Lameque.....	5	53 50
130987	L'Assomption..	".....	18	J. J. Z. Chiasson..	Caraquet.....	5	52 50
107773	L'Etoile.....	".....	15	Prudent Gallien..	".....	5	49 50
122059	Letty Jane....	".....	15	Wm. Fruing & Co..	".....	4	42 60
112152	Lillian.....	".....	15	Robin, Jones & Whit- man.....	".....	5	49 50
100972	Lizzie D.....	".....	11	F. T. B. Young.....	".....	5	45 50
130981	Lobelia.....	".....	21	Theotime Gallien..	".....	4	48 60
116977	Mabel.....	".....	16	W. S. Loggie Co....	Chatham.....	5	50 50
112154	Mac.....	".....	11	Leo Ward.....	Miscou Centre...	4	38 60
116480	Maggie.....	".....	10	John Paulin.....	Caraquet.....	4	37 60
100955	Majestic.....	".....	10	W. S. Loggie Co....	Chatham.....	4	37 60
122158	Maple Leaf....	".....	13	Wm. Fruing & Co..	Caraquet.....	5	47 50
116978	Margaret.....	".....	16	W. S. Loggie Co....	Chatham.....	4	43 60
112163	Margaret Ann..	".....	13	John Jones.....	Lit. Lameque....	4	40 60
72100	Marie.....	".....	11	Pierre A. Doiron...	Caraquet.....	5	45 50
107779	Marie.....	".....	15	Gaspard Savoy.....	Shippegan.....	4	42 60

SESSIONAL PAPER No. 22

List of Vessels which received Fishing Bounty, &c.—New Brunswick—Continued.

GLOUCESTER COUNTY—Continued.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	Number of Crew paid.	Amount of Bounty paid. \$ cts.
103278	Marie Celia	Chatham.....	13	C. S. Hachey.....	Caraquet	2	26 80
117182	Marie Etoile.....	"	20	Jos. A. Doiron. . .	"	5	54 50
1002-2	Marie Joseph.....	"	12	Lazare Gauvin.....	Lit. Lameque	4	39 60
100295	Marie Louisa.....	"	18	Jos. A. Paulin.....	Caraquet.....	5	52 50
116471	Marie Louise.....	"	10	Gustave Chiasson.....	"	3	30 70
111847	Mary	"	14	David Albert.....	"	4	41 60
130655	Mary E. Rive. . .	"	21	Harry Rive.....	"	5	55 50
103084	Mary Emma.....	"	11	Wm. Fruing & Co.....	"	4	38 60
92413	Mary Jane.....	"	14	Harry Rive.....	"	5	48 50
116478	Mary O.....	"	11	Jos. O. Cormier.....	Mizonette	3	31 70
100957	Mary R.....	"	12	W. S. Loggie Co.....	Chatham.....	4	39 60
116475	Mary Rose.....	"	17	Robin, Jones & Whit- man.....	Caraquet.....	5	51 50
112161	Mary Star.....	"	15	H. LeBouthillier.....	"	5	49 50
112150	Mary Star of the Sea.....	"	15	Luke Friolet.....	"	5	49 50
111844	Mary Star of the Sea.....	"	14	Robin, Jones & Whit- man.....	"	4	41 60
116477	Mary Star of the Sea.....	"	20	Ferdinand Savoy.....	Shippegan.....	4	47 60
107777	May Flower.....	"	11	Fabien Chiasson Jr.....	Island River.....	4	38 60
103768	Mayflower.....	"	13	Robin, Jones & Whit- man.....	Caraquet.....	4	40 60
100779	Mermaid.....	"	11	W. S. Loggie Co.....	Chatham.....	4	38 60
112164	Merry Christmas..	"	13	Celestin Jean.....	Lit. Lameque	4	40 60
100390	Mikado.....	"	13	Robin, Jones & Whit- man.....	Caraquet.....	4	40 60
130659	Mildred Elaine..	"	20	Wm. Fruing & Co.....	"	6	61 40
117188	Morning Star.....	"	14	Romain J. Noel Sr.....	Lameque	4	41 60
122055	Olive.....	"	14	Amedée Dugué.....	Lit. Lameque	4	41 60
103004	Oriole.....	"	11	Wm. Fruing & Co.....	Caraquet.....	4	38 60
103005	Osprey.....	"	10	Thos. J. Mallet.....	Shippegan.....	4	37 60
130656	P. A. L.....	"	17	P. A. Lanteigne.....	Caraquet.....	5	51 50
100904	P. T. S.....	"	11	Edwd. O. LeBouthil- lier.....	"	4	38 60
100297	Palma.....	"	14	Amedée F. Aché.....	Lameque.....	5	48 50
100776	Patrick.....	"	11	Pierre P. Morais.....	Caraquet.....	5	45 50
103778	Pelican.....	"	13	Wm. Fruing & Co.....	"	4	40 60
103674	Petrel.....	"	12	"	"	3	32 70
122623	Pride of the Fleet.	"	24	Robin, Jones & Whit- man.....	"	4	51 60
116974	Providence.....	"	18	M. L. Lanteigne.....	"	4	45 60
96740	Providence.....	"	13	Prosper Leger.....	"	4	40 60
96732	Providence.....	"	11	Jean Aché (S).....	Lameque	4	38 60
130335	R. J. W.....	"	26	Robin, Jones & Whit- man.....	Caraquet.....	5	60 50
100775	Red Gauntlet.....	"	11	J. H. LeBouthillier.....	"	4	38 60
103586	Remus.....	"	17	W. S. Loggie Co.....	Chatham.....	4	44 60
103078	Reward.....	"	13	Jas. DeGrace.....	Shippegan.....	5	47 50
97191	Rita	"	12	Robin, Jones & Whit- man.....	Caraquet.....	4	39 60
111470	River Branch.....	"	11	Wm. Fruing & Co.....	"	4	38 60
103946	Robin.....	"	12	Robin, Jones & Whit- man.....	"	4	39 60
103587	Romulus.....	"	19	W. S. Loggie Co.....	Chatham.....	5	53 50
92404	Rosa.....	"	17	Fredk. Lanteigne.....	Caraquet.....	4	44 60
100908	Rosalie.....	"	10	Harry Rive.....	"	4	37 60
100773	Rupert.....	"	12	Eustazade L. Albert.....	"	4	39 60
116972	St. André.....	"	15	André A. Aché.....	Lameque.....	4	42 60
111469	St. John.....	"	13	Jean Aché.....	"	4	40 60
112167	St. Joseph.....	"	10	Raphael Gionet.....	Caraquet.....	4	37 60
103008	St. Joseph.....	"	12	Eugène Gauvin.....	Lameque.....	4	39 60

LIST of Vessels which received Fishing Bounty, &c.—New Brunswick—*Continued.*GLOUCESTER COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	Number of Crew paid.	Amount of Bounty paid. \$ cts.
107776	St. Peter.....	Chatham.....	12	Jos. F. Aché.....	Lameque.....	5	46 50
130660	St. Sauveur.....	".....	18	Isaie Chiasson.....	".....	6	59 40
116473	St. Anne.....	".....	14	O. Chiasson Sr.....	".....	5	48 50
117187	Ste. Anne.....	".....	13	Jean P. Noel.....	".....	4	40 60
117189	Ste. Cecelia.....	".....	13	Gelas Aché.....	Lit. Lameque.....	4	40 60
122051	Ste. Julie.....	".....	12	Marcelin J. Noel.....	Lameque.....	4	39 60
74401	Sara.....	".....	11	Francis S. Doiron.....	Caraquet.....	5	45 50
100907	Sarah.....	".....	10	F. T. B. Young.....	".....	5	44 50
117190	Saturn.....	".....	10	Dominick Blanchard.....	Mizonette.....	5	44 50
103584	Saxon.....	".....	13	Jos. Baudin.....	Caraquet.....	4	40 60
100959	Sea Bird.....	".....	10	W. S. Loggie Co.....	Chatham.....	5	44 50
100901	Sea Flower.....	".....	12	J. P. Lanteigne.....	Caraquet.....	4	39 60
100914	Sea Flower.....	".....	11	Robin, Jones & Whitman.....	".....	4	39 50
96731	Sea Star.....	".....	13	Jos. N. LeBouthillier.....	".....	4	40 60
100961	Silver Moon.....	".....	14	W. S. Loggie Co.....	Chatham.....	4	41 60
100788	Sir Charles.....	".....	11	Napoleon E. Gionet.....	Caraquet.....	4	38 60
122060	Spark.....	".....	10	Wm. Fruing & Co.....	".....	3	30 70
100963	Stanley.....	".....	10	André D. Gionet.....	".....	4	37 60
103087	Stanley.....	".....	10	Jos. Chiasson (J.).....	Island River.....	4	37 60
103767	Stella Maris.....	".....	19	Robin, Jones & Whitman.....	Caraquet.....	4	46 60
136658	Stevenson.....	".....	19	Jos. LaCroix.....	".....	4	46 60
122056	Sunbeam.....	".....	14	Wm. Fruing & Co.....	".....	5	48 50
111845	Superior.....	".....	14	Robin, Jones & Whitman.....	".....	5	48 50
103947	Swallow.....	".....	13	Marcin Doiron.....	".....	5	47 50
103006	Swallow.....	".....	11	Wm. Fruing & Co.....	".....	4	38 60
103762	Swan.....	".....	14	".....	".....	4	41 60
100986	Swift.....	".....	11	Fabien Chiasson Sr.....	Island River.....	4	38 60
100777	Teutonic.....	".....	11	W. S. Loggie Co.....	Chatham.....	4	38 60
96738	Three Brothers.....	".....	12	Jean S. Albert.....	Caraquet.....	4	39 60
117184	Three Brothers.....	".....	15	Docithé Chiasson.....	Shippegan.....	5	49 50
100918	Tickler.....	".....	12	Robin, Jones & Whitman.....	Caraquet.....	5	46 50
112159	United Empire.....	".....	17	T. O. LeBouthillier.....	".....	5	51 50
103285	Valkyrie.....	".....	12	Jos. F. Hebert.....	".....	4	39 60
103775	Victoria.....	".....	16	W. S. Loggie Co.....	Chatham.....	4	43 60
117183	Vina.....	".....	14	Jacques Noel.....	Lameque.....	4	41 60
100995	Voltaire.....	".....	10	Luc Mailloux.....	Caraquet.....	5	44 50
100966	Von Moltke.....	".....	11	Pierre J. Frigot.....	".....	4	38 60
103588	Vulture.....	".....	13	W. S. Loggie Co.....	Chatham.....	4	40 60
122054	White Fish.....	".....	13	Eutrope Chiasson.....	Lameque.....	4	40 60
100953	White Wings.....	".....	10	F. T. B. Young.....	Caraquet.....	4	37 60
100973	World's Fair.....	".....	11	".....	".....	4	38 60
103079	Wren.....	".....	11	Jos. B. Paulin.....	".....	3	31 70

KENT COUNTY.

122629	Cluster.....	Chatham.....	10	Geo. Gallant.....	Rexton.....	2	23 80
126771	Dorothy F.....	Richibucto.....	12	W. E. Forbes.....	Richibucto.....	2	25 80
116688	Harry Dickson.....	".....	10	".....	".....	2	23 80
130663	Herb Curwin.....	".....	10	John Curwin.....	".....	3	30 70
130662	Jardineville.....	".....	10	Albt. J. Arseneau.....	Jardineville.....	2	23 80
116689	Joseph Doucett.....	".....	10	Alexr. Doucett.....	".....	2	23 80
130661	Lapewalem.....	".....	10	Jos. Doucett.....	Rexton.....	2	23 80
116476	Mary Beatrice.....	Chatham.....	10	Thos. A. Savoie.....	Ructouche.....	1	16 90
116684	Ocelot.....	Richibucto.....	11	W. E. Forbes.....	Richibucto.....	3	31 70
130661	Richibucto Pearl.....	".....	12	Clovis Mazerolle.....	Peter's Mills.....	2	25 80

SESSIONAL PAPER No. 22

List of Vessels which received Fishing Bounty, &c. —New Brunswick—*Continued.*KENT COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid.
							\$ cts.
126773	S. and G.	Richibucto.	10	Sylvester Gray.	St. Charles.	1	16 90
126779	Sagua.	"	10	Camille Blanchard.	"	3	30 70
126777	Samuel G.	"	10	Andrew Loggie.	Dalhousie.	1	16 90
116685	Sea Adder.	"	10	W. E. Forbes.	Richibucto.	3	30 70
126772	Sylvaloe.	"	10	James Legooft.	"	2	23 80
126778	3 0 3.	"	10	W. E. Forbes.	"	2	23 80
126774	Wawota.	"	11	Wm. H. Long.	"	2	24 80

NORTHUMBERLAND COUNTY.

96725	Bessie T.	Chatham.	10	Donald Loggie.	Burnt Church.	3	28 70
126780	Cormier.	"	10	Robt. R. McLean.	Chatham.	1	16 90
130338	Financier.	"	10	Bernard Williston.	Bay du Vin.	2	23 80
122622	Gander.	"	10	Harold Williston.	"	2	23 80
130333	Maggie Swift.	"	11	Gordon Murdoch.	Loggieville.	2	24 80
92420	Mary Louise.	"	13	Donald Loggie.	Burnt Church.	3	33 70
116683	Plum.	"	10	Michael J. Jimmo.	Escuminac.	3	30 70
100952	Replevin.	"	10	Henry Albert.	Neguae.	4	37 60
130334	Shrub.	"	10	Wm. G. Mills.	Hardwick.	2	23 80
130340	Skidoo.	"	11	Harrison Murdoch.	Loggieville.	2	24 80
122495	Victory.	"	10	L. Williston.	Bay du Vin.	2	23 80
126252	White Cap.	"	11	Wm. Jimmo.	Escuminac.	3	31 70

PROVINCE OF PRINCE EDWARD ISLAND.

KINGS COUNTY.

112021	Annie M.	Canso.	29	Thomas Poole.	Souris.	5	63 50
94643	Carrie M. C.	Lunenburg.	39	Allan McLeod.	Murray Harbour.	7	87 30
122086	Florence.	Charlottetown.	14	Philip Billard.	"	2	27 80
116308	Francis D. Cook.	"	47	Herbert Cahoon.	"	6	88 40
122081	Frank.	"	10	Jos. M. Cheverie.	Souris.	4	37 60
107330	*Gertie M. Starr.	Halifax.	16	Joseph White.	Beach Point.	3	37 45
126063	John G. Scrimgeour.	Charlottetown.	14	Herbert Williams.	Murray Harbour.	2	27 80
107751	*Minnie Laura.	"	31	Reuben Penny.	"	6	73 90
107751	Minnie Laura.	"	31	"	"	4	58 60
107985	*Muriel.	Shelburne.	25	Silas Sencabaugh.	Beach Point.	4	53 60
100696	Marion Emerson.	Pictou.	30	Percy White.	Murray Harbour.	6	71 40
107985	Muriel.	Shelburne.	25	Silas Sencabaugh.	"	2	38 80
116296	*Outlook.	Charlottetown.	21	Hugh Jackson.	"	5	56 75
116296	Outlook.	"	21	"	"	5	55 50
112378	Olive S.	"	26	David Gosbee.	"	3	46 70
122085	Silver Spray.	"	16	Wm. Johnston.	Montague.	3	36 70
107770	Success.	"	15	Jno. W. Jenkins.	Murray Harbour.	2	28 80

PRINCE COUNTY.

117096	Alaska.	Arichat.	10	S. D. Arsenault.	Roxbury.	4	37 60
116513	Laurie H.	Lunenburg.	16	Wm. C. Leavitt.	Alberton.	3	36 70
100580	Maggie E. C.	"	20	Jas. Mountain.	Malpeque.	3	40 70
96770	O. L. B.	Charlottetown.	12	Jas. McNeill.	"	3	32 70
112125	Pearl.	Lunenburg.	14	Michael J. Kinch.	Alberton.	5	48 50
103592	Rosamond.	Charlottetown.	18	Geo. A. Champion.	Malpeque.	3	38 70
107760	Western Prince.	"	10	Jno. M. Arsenault.	Palmer Road.	5	44 50

*For 1911.

4 GEORGE V., A. 1914

LIST of Vessels which received Fishing Bounty, &c.—Prince Edward Island—*Con.*
QUEENS COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid.
							\$ cts.
100445	Carrie O.	Canso.	12	Thos. Hiscott, Sr.	Stanley Bridge.	3	32 70
107330	Gertie M, Star.	Halifax.	16	Joseph White.	Murray Harbour.	3	36 70
107763	Guinea.	Charlottetown.	10	Boyce Harding.	French River.	3	30 70
96936	Katie & Ella.	"	20	Alex. McLaughlin.	Stanhope.	6	61 40
130343	Libby P.	"	11	Jos. Pineau.	North Rustico.	5	45 50
103532	Maria A.	"	22	Jos. C. Gallant et al.	"	5	56 50
120068	Mary E. Spears.	"	10	David Spears et al.	French River.	3	30 70
92745	Surprise.	"	18	Frank Pidgeon.	"	5	52 50
100474	R. Beatrice.	"	19	Jonathan Delaney.	"	3	39 70

PROVINCE OF QUEBEC.

GASPE COUNTY.

85409	A. C. Mulhall	Magdalen Islds..	30	Eastern Canada Fish- ery Co.	Grindstone.	8	85 20
116294	Charlotte S.	Charlottetown.	14	Jno. Cassidy.	Amherst, M. I.	4	41 60
71357	Emma Gidney.	Halifax.	48	Louis Damour.	House Harbour.	7	96 30
85400	Minnie M.	Magdalen Islds..	13	Honoré Cormier.	Amherst, M. I.	5	47 50
85399	Minnie May.	Halifax.	10	Wm. Boudreau.	"	4	37 60
85408	Onato.	Magdalen Islds..	35	Luc Boudreault.	Cap Vert.	4	62 60
92571	Primrose.	Halifax.	14	Fortune Cormier.	Amherst, M. I.	5	48 50
111430	Shamrock.	"	23	Alfred V. Vigneau.	"	5	57 50

SAGUENAY COUNTY.

107671	Marie Ange ...	Quebec.	87	Chas. Gagné.	Metis.	4	107 60
--------	----------------	--------------	----	-------------------	-------------	---	--------

SESSIONAL PAPER No. 22

APPENDIX No. 3.

NOVA SCOTIA

District No. 1.—Comprising the four counties of Cape Breton Island. Inspector A. G. McLeod, Whitney Pier.

District No. 2.—Comprising the counties of Cumberland, Colchester, Pictou, Antigonish, Guysboro, Halifax and Hants. Inspector R. Rockin, Pictou.

District No. 3.—Comprising the counties of Kings, Annapolis, Digby, Yarmouth, Shelburne, Queens and Lunenburg. Inspector, Ward Fisher, Shelburne.

REPORT ON THE FISHERIES OF DISTRICT No. 1.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my first annual report as fishery inspector for District No. 1 (the island of Cape Breton), province of Nova Scotia, for the year ended March 31, 1913, together with tabulated statements showing the quantities and values of fish caught in the several counties of the district, and the material used and persons employed in the fisheries.

Richmond county.—The fishery in this section of the island, generally speaking, was not quite up to the average due (a) to unfavourable weather conditions, (b) scarcity of bait, (c) the young men giving up fishing and seeking employment in other lines, because of the greater opportunity to obtain ready money.

The cod fishery was below the average; mackerel and herring results were only fair, owing to the fish being too far off-shore and in the deeper waters, and because of the prevalence of dogfish; lobster returns were about the same as last season. Market prices generally ruled high.

Inverness county.—The fishery on the western shore was generally satisfactory, although the catch of cod, haddock, and hake was not as good as in 1911-12. The mackerel catch was the best in many years and the lobster returns provided, probably, a record season. Dogfish were not nearly so numerous as in former years. The oyster fishery was slack and overseers and fishermen alike are suggesting the wisdom of urging upon the department, the establishing of a close season covering a period of, at least, two or three years, so that these shell fish may have a chance to develop both as to size and quantity. The salmon fishery was above the average.

Victoria county.—An increase is reported in pollock, salmon, herring and lobsters. The inland lake sections report a slight decrease generally. Mackerel were scarce, due to the presence of dogfish. Squid were not so plentiful as in other seasons. At Cape North some of the fishermen made special preparation for the prosecution of sword fishing and did very well indeed.

Cape Breton county.—One station notes a 50 per cent increase in the lobster catch. Market prices were the highest ever obtained.

Throughout the entire district reports show that all boats and vessels have been kept in good condition and represent an asset equal, practically to their initial value. The addition is noted of one large vessel and three small craft to the fleet of the district. One small vessel retired from the business. This results in a net gain of three

4 GEORGE V., A. 1914

vessels over 1911-12. The reports to hand show a decrease in the number of boats of 481 from the previous season, a decrease of 13 in the number of tugs and smacks, and an increase of 35 in gasoline boats.

All overseers report that fewer attempts at illegal fishing have come under their notice, due it is believed to two parties having been heavily fined last season for infractions of the regulations governing this matter; that all millers are observing strictly the necessary care in the prevention of sawdust and mill refuse being thrown into the streams; and that the condition of all fishways is satisfactory.

I am, sir,

Your obedient servant,

A. G. McLEOD,
Inspector of Fisheries.

REPORT ON THE FISHERIES OF DISTRICT No. 2.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report on the fisheries of District No. 2 of the province of Nova Scotia, for the year ended March 31, 1913, together with tabulated statements showing the quantities and values of fish caught in the several counties of the district, and the material used and persons employed in the fisheries.

The aggregate value of the catch for the year is \$2,176,181; whilst the value of the catch for the previous year had been estimated at \$2,942,456, showing a decrease in value of about twenty-five per cent.

About one per cent of this decrease is attributable to a difference in the rated value of some of the fish taken.

Of the deep sea fish there is a decrease in cod of thirty per cent; of haddock of about twenty-two per cent; the catch of hake is nearly the same as reported last year; that of pollock shows a decrease of about nine per cent; of halibut a decrease of about twenty-five per cent.

The catch of mackerel is forty per cent below that of last year, and is the smallest catch reported any year since I made my first report to the Department in 1890.

The value of the herring catch is thirty per cent below that of last year.

LOBSTERS.

There is a decrease in the value, as compared with last year, of about ten per cent.

In the year 1896 the labelling of lobster cases was commenced, and the statistics of the annual pack can be checked by means of the labels; not only so, but the returns of the season's pack is made under statutory declaration by the packers, so that the statistics may be relied upon as accurate, and in this district the reports give some interesting data.

SESSIONAL PAPER No. 22

	Cases packed.	Exported in shell.
		Cwts.
1896.....	68,352	5,810
1897.....	58,005	13,502
1898.....	55,969	18,898
1899.....	54,223	15,765
1900.....	49,144	13,374
1901.....	51,586	16,160
1902.....	46,994	14,925
1903.....	42,343	12,551
1904.....	43,448	15,949
1905.....	42,931	31,841
1906.....	41,863	9,889
1907.....	38,999	15,880
1908.....	38,071	7,496
1909.....	42,216	7,820
1910.....	35,234	9,078
1911.....	37,555	15,041
1912.....	33,774	15,041

That the decline has been greater upon the Atlantic coast than on the Strait of Northumberland, will be seen in the following resume of the catch since 1896. The figures given in pounds as in the reports.

	County of Guysboro.		County of Halifax	
	Canned.	Exported in shell.	Canned.	Exported in shell.
	Lbs.	Cwt.	Lbs.	Cwt.
1896.....	836,416	520	751,967	5,220
1897.....	933,572	1,140	537,552	12,197
1898.....	915,960	811	590,352	18,063
1899.....	825,936	2,252	473,384	13,073
1900.....	901,028	3,930	480,520	9,222
1901.....	672,240	3,168	440,784	12,842
1902.....	588,496	2,392	416,854	12,315
1903.....	543,196	673	432,624	9,563
1904.....	533,852	2,009	433,621	10,810
1905.....	494,500	9,875	407,380	21,541
1906.....	487,220	2,551	379,632	7,141
1907.....	401,878	3,429	322,488	11,297
1908.....	402,116	3,600	363,360	3,719
1909.....	298,436	2,982	252,508	4,588
1910.....	335,472	3,691	295,276	4,832
1911.....	350,064	6,688	273,312	7,853
1912.....	332,880	3,679	226,080	10,963

4 GEORGE V., A. 1914

Counties bordering on the Strait of Northumberland.

	Cumberland.	Colchester.	Pictou.	Antigonish.
	Lbs.	Lbs.	Lbs.	Lbs.
1896.	492,674	17,048	502,373	183,760
1897.	490,952	20,688	495,816	207,860
1898.	500,524	1,440	417,236	164,256
1899.	489,168	20,208	419,376	130,848
1900.	399,000	36,722	500,382	158,036
1901.	488,352	39,120	479,080	136,128
1902.	435,792	49,872	413,184	128,256
1903.	447,648	33,552	462,432	166,032
1904.	402,216	37,248	457,920	175,816
1905.	375,936	36,480	512,740	182,384
1906.	363,972	33,264	470,536	137,328
1907.	463,296	38,976	432,912	171,888
1908.	515,328	53,856	532,560	159,168
1909.	511,152	*None.	472,320	156,180
1910.	495,216	28,272	531,888	145,488
1911.	506,832	23,276	548,640	184,560
1912.	357,072	15,120	481,392	208,608

*One factory removed to Cumberland Co.; the other not operated.

There are no lobsters exported fresh in shell from the Strait.

It will be seen from the foregoing that the fishery has kept up better in the county of Pictou, than in any other portion of the district, and it is a fair assumption that this is in a measure due to the fact that a lobster hatchery has been in operation for many years.

It should be remembered also, when considering the decline of the fishery, that the use of motor boats enables fishermen to cover a greater area and fish a larger number of traps than formerly.

SALMON.

The returns show a decrease in the value of the catch of about ten per cent; this decrease was largely in the western portion of Halifax county. In the county of Guysboro the decrease was about fourteen per cent; while on the Strait of Northumberland there was an increase of about fifteen per cent; and on the Bay of Fundy an increase of about ten per cent.

The rivers, during the spawning season, were not in a favourable condition; the water being low until about the last of October.

SHAD.

This valuable fish is becoming scarcer every year, and the quantity reported this year is the smallest on record.

The prevention of fishing during the time the fish are in the rivers for spawning, is apparently the only remedy, and one which should be applied promptly.

SMELTS.

Notwithstanding the very short period during which fishing through the ice could be carried on, there were more of these fish taken than last year.

ALEWIVES.

Appear to be decreasing rapidly. Very few of these are taken now on the Atlantic coast.

There were thirty-five prosecutions for violation of the Fisheries Act during the year and convictions obtained in thirty-one cases.

I regret to report the death, by drowning, of three fishermen during the year.

I am, sir,

Your obedient servant,

R. HOCKIN.

Inspector of Fisheries.

SESSIONAL PAPER No. 22

REPORT ON THE FISHERIES OF DISTRICT No. 3.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I respectfully present the fisheries statistical reports for District No. 3, comprising the counties of Lunenburg, Queens, Shelburne, Yarmouth, Digby, Annapolis and Kings. The statistics have been prepared with unusual care, and can be fairly relied on as presenting a correct account of the catch and value of the catch.

The year has been unusually trying on the fishermen. In the early part of the season bad storms prevented profitable operations. Scarcity of bait prevailed during the summer months. Many of the fishing vessels cruised for weeks in search of a supply. The latter part of the season, from December 15, a succession of heavy storms destroyed much gear, and prevented a successful operation.

There is a decrease in the total estimated marketed value of the catch from \$5,435,779 reported last year to \$4,294,657 this year, a decrease of \$1,141,122. A brief summary will perhaps be valuable in this connection.

LOBSTERS.

The total catch was 129,222 cwts., as against 175,310 for the preceding year, a decrease of 46,088 cwts. Shelburne reports a decrease of 8,334 cwts. Yarmouth a decrease of 38,486 cwts. Lunenburg a decrease of 1,641 cwts. Queens a decrease of 1,768 cwts. Digby shows an increase of 6,021 cwts. In Annapolis and Kings the decrease was about 50 per cent. The Yarmouth decrease is very marked, from 89,407 cwts. to 50,921 cwts.

It can easily be seen that the lobster fishing season has been disastrous. The heavy weather of the spring fishing of 1912, and the succession of fierce gales during the winter season of 1912-13 caused much damage. In many districts the loss of traps was fully fifty per cent, and resulted in the suspension of fishing operations. As a consequence an extension of ten days was granted. The prices have been good. Over \$50 per crate has been netted on shipments of live lobsters. The price of 'shack,' or lobsters under nine inches, has reached the highest point known, $8\frac{1}{2}$ cents per pound. This was brought about by the anxiety of the canners to secure a fair pack, as the first part of the season the catch hardly paid expenses. In connection with the general report of scarcity of large lobsters, it may be of interest to note that one factory alone used 268,848 small lobsters.

COD AND HADDOCK.

The catch of cod and haddock shows a decrease of 310,394 cwts. The figures are 928,975 cwts. for the past year as against 1,239,369 the preceding year. The total marketed value last year was \$1,810,310 as compared with \$2,578,382 the preceding year. The Lunenburg catch fell short 180,863 cwts., as compared with the exceptional catch of the preceding year. The total Lunenburg figures may be of interest. This year the catch was 528,850 cwts., as against 709,713 cwts.

This great decline in the catch of the Lunenburg banking fleet was due to the scarcity of bait and rough weather. The regular bait grounds were almost barren, and the vessels vainly cruised for weeks seeking a supply. The price for dried fish ruled somewhat lower than the preceding year, being about \$5.50 per quintal. In connection with the dried fish statistics it may be noted that a considerable portion is prepared for the boneless trade, which is rapidly growing in importance.

MACKEREL.

The statistics of the mackerel catch are noteworthy. The past year the catch was 45,263 cwts., as compared with 8,899 cwts. the preceding year. These figures show an

4 GEORGE V., A. 1914

increase in the catch of 36,364 cwts, and an increase in the marketed value of \$150,188.

Shelburne shows an increase of 12,346 cwts. Yarmouth an increase of 14,080 cwts. Digby an increase of 5,610 cwts. Queens an increase of 1,837 cwts. Digby had the first catch of any quantity for many years, the fishermen attributing it to the fact that sawdust was not allowed to pollute St. Mary's bay. The Lunenburg catch was a great disappointment.

The mackerel was very plentiful and much larger catches could have been made, had the fishermen been prepared. This is particularly true of the Woods Harbour and Clark's Harbour districts of Shelburne, where the fish continued close to the shore for some weeks. Some of the net fishermen took 2,000 fish per day. In these two districts alone, with the use of traps, \$100,000 worth of mackerel could have been secured. Immense schools were reported off shore, and a decided change in methods should be made in operating this important fishery. It is well to note that the greater portion of the catch was sold fresh, to the American dealers, where good prices and ready markets prevailed.

HERRING.

The total catch was 218,105 cwts., as against 180,033 the preceding year, showing an increase in the catch of 38,072 cwts. The principal increase was in Shelburne, 81,222 cwts., as compared with 51,009 cwts. It will be noted that the prices are very low. Fresh selling at \$1 per cwt., and pickled from \$2.50 to \$4.50 per barrel. The low price secured for fresh herring in view of the great scarcity of bait, and the ready market for frozen fish, is accounted for by the absence of cold storage and transportation facilities.

ALEWIVES.

There was the large increase of 11,019 cwts., in the catch of alewives, the figures being 29,391 cwts., as compared with 18,372 cwts., the preceding year. Yarmouth is responsible for the chief increase, the catch being 24,869 cwts., as against 11,918 cwts., the preceding year. Kings shows an increase of 735 cwts. Alewives are a good bait and a fairly good fish for food. The usual low price is due to the small and uncertain catch, and the lack of ready storage facilities.

Hake and cusk increased 32,780 cwts., while pollock shows a decrease of 89,210 cwts. Halibut decreased 13,851 cwts. The smelt and shad catch were very small. Smelt decreased from 1,263 cwts. to 408 cwts., and shad from 411 cwts. to 252 cwts.

SHELL FISH.

Clams increased from 16,566 barrels to 20,043 barrels, chiefly in Digby and Annapolis. Winkles and scallops are new entries in the statistical forms. Of the 1,658 cwts. reported, 658 represent the winkles in Digby, having a marketed value of \$1,645, and the remaining 1,000 cwts are scallops, from Tancock island, Lunenburg. This is an important and valuable shell-fish, and needs protection against the present wasteful fishing methods. A close season for the spawning months, and a size limit of three inches, would be of benefit. The catch last year was about 500,000 by count.

INLAND FISHERIES.

The returns are obviously incomplete, and cannot show the value of these fisheries, as large catches are annually made by sportsmen and others, from whom no returns are received. The lamentable condition of the rivers and streams from a fishing point of view is to be deplored, and demands most earnest consideration.

SESSIONAL PAPER No. 22

MEN AND MATERIAL.

The gathering of these statistics has been carefully made, and important changes will be noted. The total value of fishing property shows an increase of \$906,455 over that of the preceding year. The figures are \$3,814,536 as compared with \$2,908,081 for the preceding year. The value of Lunenburg property has been greatly underestimated. Lunenburg town alone possessing more than was formerly reported for the whole county. About thirty new vessels were added the past year to the banking fleet from this county, and forty smaller vessels were added to the off-shore fleet, making a total of 177, with a valuation of \$1,440,320. In view of this addition to the Lunenburg fleet, an explanation is needed as to the cause for the actual decrease in the number of vessels reported for the whole district, 373 as compared with 399 the preceding year. A considerable number of large boats, throughout the district, were formerly reported as vessels, and there was a decrease of 12 vessels reported from Yarmouth county, which decrease is due to the lack of facilities for the fresh fish trade. Under present conditions it does not pay to pickle or dry fish for the market, and the result is that there is no development in the industry in Yarmouth county. The prosperity of the off-shore fisheries of the province depends on the facilities for handling and marketing fresh fish. There is little or no market in Yarmouth county, and the fishermen are not in love with the expense and labour of drying or pickling their catch. And there will be no betterment in the industry in this section without cold storage facilities and improved transportation. The Pubnicos would afford a centre for the operation of a plant, and with proper rail connections could market the goods on practically equal terms with Digby, where a large trade has been developed in connection with the smoked fish and finnan haddie business.

There is a large decrease in the reported number of freezers and ice houses, smoke and fish houses, and piers and wharfs, which is accounted for by a greater discrimination in gathering the statistics.

The number of men employed in vessels and tugs, 4,161 shows a slight increase over the preceding year. The Lunenburg fleet employs 2,713 men. The number employed in boats, 7,400 is an increase of nearly 380. The great falling off in the number employed in fish houses, freezers and canneries, 1,892 as compared with 3,337 the preceding year, is accounted for by the former practice of duplication of men otherwise enumerated, and by counting helpers of a most temporary character. The total number of persons employed in the industry is 13,453, as against the 14,417 reported last year.

PATROL BOAT SERVICE.

The service of last year has been satisfactory. The close lobster season was well observed, and has gained the hearty support of the fishermen by the general and indiscriminating nature of the service. Men who were outspoken against the activity of the service have expressed satisfaction over its success, and others who held to the impossibility of such law enforcement are now ardent believers in its possibilities. The enlargement and perfecting of this service cannot be too strongly recommended, particularly in connection with the lobster industry.

The officers are to be commended for their activity and zeal in the service.

I am, sir,

Your obedient servant,

WARD FISHER,

Inspector of Fisheries.

DISTRICT

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Industry in the county of **Richmond**, province of

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, etc.										Fishing			
		Vessels.				Boats.				Tugs, Smack, &c.		Gill Nets.		Trap Nets.	
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.
				\$			\$		\$			\$			\$
1	Fourchu, Framboise & vicinity	1	47	2000	3	126	2828	5	1950	200	3	2300	7	200	1600
2	Grand River and vicinity					124	3532	1	450	152	4	1900	6	600	4800
3	Point Michaud & L'Ardoise					360	22260	4	2250	347	2	600	3	2800	22400
4	Rockdale and Grand Grève					139	6246	1	450	184	2	700	2	1070	8560
5	St. Peters & River Bourgeois	14	495	19800	108	28	460	4	1800	37	4	2900	14	18	90
6	Louisdale & River Inhabitants	1	25	800	6	22	360			53			55	350	
7	Ports Richmond & Malcolm	2	87	3000	12	25	375			78			40	200	
8	West Bay					9	107			16					
9	Isle Madame	23	473	7650	96	306	2400	10	1465	322	6	500	12	3000	15000
	Totals	41	1127	33250	225	1139	38568	25	8365	1389	21	8900	44	7783	53000

SESSIONAL PAPER No. 22

No. 1.

Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Nova Scotia, during the year 1912-13.

Gear.								Canneries.		Other Material.								Persons employed in Canneries, Freezers and Fish-houses.	Number.
Smelt Nets.		Trawls.		Hand Lines.		Lobster Traps.		Lobster Canneries.		Freezers and Ice-houses.		Smoke and Fish-houses.		Piers and Wharves.					
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.				
	\$		\$		\$		\$		\$		\$		\$		\$				
.....	.....	.....	.....	150	60	10000	7500	1	2000	.....	.....	16	560	9	630	24	1
.....	.....	.....	.....	100	40	12000	6000	1	1000	.....	.....	30	1000	.....	.....	23	2
.....	.....	12	100	797	318	4500	4375	1	500	.....	.....	140	5180	4	190	32	3
.....	.....	4	40	280	111	4000	3000	1	1000	1	2650	33	990	2	120	23	4	
25	125	300	210	400	200	1200	900	1	1000	.....	.....	13	4500	1	4100	47	5
14	750	5	25	55	28	100	75	.....	.....	.....	.....	1	150	.....	.....	.....	6
.....	.....	.....	.....	50	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	10	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
21	185	425	1780	315	315	22700	22700	5	1800	2	500	189	2200	84	2170	126	9		
60	1060	756	2205	2147	1097	54500	44550	10	7300	3	3150	422	14580	100	7210	275			

4 GEORGE V., A. 1914

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels Industry in the County of **Cape Breton**, Province

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, Etc.											Fishing		
		Vessels.				Boats.					Tugs, Smacks, &c.		Gill Nets.		
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.
	<i>Cape Breton.</i>			\$			\$		\$			\$		\$	
1	North Sydney, Sydney, Glace Bay, Lingan and vicinity.....	8	123	550	43	92	3065	3	750	160	...	...	...	131	630
2	Port Morien and vicinity.....	...	...	...	...	34	1275	18	3600	84	3	550	6	227	1941
3	Upper North Sydney, Long Island and Leitches Creek.....	...	...	...	...	15	230	1	300	28	...	...	...	54	270
4	Main-à-Dieu, Lorraine and Mira Bay.	4	75	2800	20	44	1121	3	295	104	3	680	6	151	1545
5	Gabarouse and vicinity.....	...	...	...	...	74	5260	3	1500	178	4	2100	8	360	2520
6	Scatarie Island.....	...	...	...	...	14	2800	11	3850	40	...	...	...	110	1100
7	Little Bras d'Or.....	2	24	700	9	20	1000	2	600	50	3	1500	6	80	320
8	Louisburg and vicinity.....	1	46	1200	7	57	2500	2	500	82	3	1800	6	...	...
	Totals.....	15	268	5250	79	350	17251	43	11395	726	16	6630	32	1113	8326

SESSIONAL PAPER No. 22

and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing of Nova Scotia, during the Year 1912-13.

Gear.										Canneries.	Other Material.						Persons employed in Canneries, Freezers and Fish-houses.	Number.	
Trap Nets.		Smelt Nets.		Trawls.		Hand Lines.		Lobster Traps.		Lobster Canneries.	Freezers and Ice-houses.	Smoke and Fish-houses.		Piers and Wharves.					
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.				
¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢				
..	.....	3	15	55	165	382	191	2300	1725	2	1000	.....	.....	.....	.....	2	250	18	1
..	.....	31	155	.....	.....	104	72	8500	8500	3	1500	.....	.....	.....	.....	1	50	22	2
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
..	.....	.....	.....	9	90	30	11	5600	3200	2	2200	3	75	30	280	8	160	119	4
1	900	15	45	.....	.....	120	120	9540	7155	4	1200	.....	.....	24	480	.....	.....	65	5
..	.....	.....	.....	30	150	60	36	1500	1500	.....	.....	.....	.....	16	450	.....	.....	.....	6
..	.....	.....	.....	30	150	80	35	4500	4500	1	2300	1	2000	17	1000	25	2500	.....	7
..	.....	.....	.....	30	150	230	115	3950	2962	2	1700	.....	.....	.....	.....	1	300	19	8
1	900	49	215	191	993	1214	687	35890	29542	14	9900	4	2075	87	2210	37	3260	243	

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Industry in the County of **Victoria**, Province of

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, etc.											Gill Nets.		
		Vessels.				Boats.					Tugs, Smacks, etc.				
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.			Men.
Victoria County.															
1	Iona, Washabuck and Little Narrows...			\$		77	1155			117				124	767
2	Wreck Cove to Cape Smokey.....					23	460	1	150	26	1	25	2	46	460
3	Breton Cove and vicinity to Englishtown.....					67	1340	4	1300	104				114	1140
4	Baddeck and vicinity.....					5	100			5				14	150
5	Ingonish.....	12	170	7200	60	118	3760	10	4625	275				300	1500
6	Neil's Harbour and New Haven.....					85	5018	4	1000	106				150	1500
7	White Point, Dingwall and Sugar Loaf..	3	44	1200	12	48	1200	2	600	78	1	80	2	147	1470
8	Sparling's Brook, Bay St. Lawrence and vicinity.....					49	784	2	500	97	2	140	4	100	1000
9	Big Bras d'Or District.....					11	110	1	200	12				11	88
Totals.....		15	214	8400	72	483	13927	24	8375	820	4	245	8	1006	8075

SESSIONAL PAPER No. 22

Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing
Nova Scotia, during the Year 1912-13

Fishing Gear.										Canne- ries.	Other Material.						Persons employed in Canne- ries, Freezers and Fish houses.	Number.	
Trap Nets.		Smelt Nets.		Tra wls.		Hand Lines.		Lobster Traps.		Lobster Canne- ries.	Freezers and Ice-house		Smoke and Fish Houses.		Piers and Wharves.				
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.			Value.
¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢			¢
..	..	..	..	65	272	143	143	..	..	..	..	..	15	195	1	25	..	15	1
..	..	..	..	9	90	46	23	700	700	1	400	..	12	480	..	..	..	12	2
8	2000	..	..	35	350	118	59	3200	3200	2	1000	2	250	41	1840	..	..	25	3
..	..	6	50	5	40	6	6	..	..	..	..	..	29	9260	13	..	..	..	4
11	6600	3	30	568	3976	136	115	3000	1500	5	1300	6	4150	..	..	..	80950	200	5
2	1800	..	..	36	540	385	385	2545	2545	4	1000	1	800	35	3150	2	1700	43	6
2	1000	..	..	29	290	234	234	1750	1750	3	1200	1	300	13	3000	11	1600	42	7
1	500	..	..	19	228	196	196	4500	4500	2	1300	1	200	12	2200	..	..	36	8
..	..	..	..	9	45	22	11	..	..	..	..	..	..	..	..	..	..	..	9
24	11900	9	80	775	5831	1286	1172	15695	14195	17	6200	11	5700	157	20125	27	84275	373	..

SESSIONAL PAPER No. 22

Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing of **Nova Scotia**, during the Year 1912-13.

Gear.								Lobster Canne- ries.	Other Material.						Persons Employed in Canneries, Freezers and Fish-houses.	
Smelt Nets.		Trawls.		Hand Lines.		Lobster Traps.			Freezers and Ice- houses.		Smoke and Fish- houses.		Piers and Wharves			
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		Number.	Value.	Number.	Value.	Number.	Value.		
	¢		¢		¢		¢		¢		¢		¢		¢	
....	....	....	....	129	67	4300	2150	3	2300	7	375	17	600	....	....	37 1
....	....	39	975	356	178	9540	6170	7	4600	4	1650	13	4750	12	6900	147 2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3
36	144	....	....	158	158	6750	5400	1	2500	....	....	....	....	3	14000	30 4
....	....	....	....	48	48	....	....	....	....	....	....	....	....	....	....	5
30	100	60	500	....	....	22000	22000	6	4000	3	33000	1	200	8	40000	65 6
4	8	88	88	245	75	....	....	....	....	....	....	13	140	....	....	7
70	252	187	1563	936	526	42590	35720	17	13400	14	35025	44	5690	23	60900	279

THE CATCH,

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Richmond, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, cwts. *	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and cusk, cwts.	Hake and cusk, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Shad, cwts.	Shad, value.	Alwives, cwts.	Alwives, value.	Number.
<i>County of Richmond.</i>																						
1	Fourchu, Framboise and vicinity.....	..	..	2890	14450	1275	1275	81	81	..	..	87	65	..	..	912	3648	..	..	..	..	1
2	Grand River and vicinity...	38	380	1689	8445	417	417	24	24	..	..	27	20	87	108	837	3348	..	..	..	..	2
3	Point Michaud and L'Ardoise.....	12	120	300	1500	4070	4070	6165	6165	..	..	1265	948	2048	2660	4565	18260	..	..	9	9	3
4	Rockdale, Grande Grève and Barra Head.....	2	20	1030	5150	880	880	381	381	..	..	102	77	2903	3628	1441	5764	..	..	..	..	4
5	St. Peter and Riv. Bourgeois	1	10	965	4825	10296	10296	651	651	..	..	90	68	120	150	1050	4200	..	..	..	..	5
6	Louisdale and River. Inhabitants.....	..	..	60	..	60	60	..	..	..	..	..	..	1101	1376	150	600	..	..	..	..	6
7	Ports Richmond and Malcolm.....	..	..	..	..	3483	3483	..	..	..	..	..	..	2001	1500	900	3600	..	..	12	12	7
8	West Bay.....	..	..	..	..	30	30	..	..	..	..	..	..	132	240	..	..	..	..	..	..	8
9	Isle Madame.....	45	450	3720	18600	5200	5200	21814	21814	895	670	640	480	1800	2250	727	2908	..	..	..	..	9
Totals.....		98	980	10594	52970	25776	25776	29116	29116	895	670	2211	1658	10252	11812	10582	42324	..	..	21	21	21

Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Richmond, Province of Nova Scotia, during the Year 1912-13—*Concluded*.

Number.	Fishing Districts.	Halibut, cwt.	Halibut, value	Flounders, cwt.	Flounders, value.	Smelts, cwt.	Smelts, value.	Trout, cwt.	Trout, value.	Hels, cwt.	Hels, value.	Tom-cod, cwt.	Tom-cod, value.	Swordfish, cwt.	Swordfish, value.	Mixed fish, cwt.	Mixed fish, value.	Squid, cwt.	Squid, value.	Clams, cwt.	Clams, value.	Number.
1	County of Richmond.																	13	39	30	90	1
	Fourchu, Framboise and vicinity.....	19	114															1	3	4	12	2
2	Grand River and vicinity.....																					
3	Point Michaud and L'Ardoise.....	15	90											97	388			37	111			3
4	Rockdale, Grande Grève and Barra Head.....	7	42							15	30			87	348			50	150	36	108	4
5	St. Peter and Riv. Bourgeois	28	108	15	15	82	492															5
6	Louisdale and River Inhabitants.....					100	600															6
7	Ports Richmond and Malcolm.....																					7
8	West Bay.....											20	90									8
9	Isle Madame.....	6	36			175	1050			60	120	635	635					49	147			9
	Totals.....	75	450	15	15	357	2142			75	150	655	655	184	736			150	450	70	210	

Cwt. = 100 lbs.

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the County of **Richmond**, Province of **Nova Scotia**, during the year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, cwts. *	Salmon, canned, cases.	Salmon, salted, cwts.	LoBSTERS, canned, cases.	LoBSTERS, shipped in shell, cwts.	Cod, fresh, cwts.	Cod, shipped green salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, smoked, cwts.	Haddock, dried, cwts.	Hake and cusk, fresh, cwts.	Hake and cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Number.
<i>County of Richmond.</i>																			
1	Fourchu, Framboise and vicinity				1001	388	17		420			27				29			1
2	Grand River and vicinity	28	14		652	59			139	3		7				9	12		2
3	Point Michaud and L'Ardoise.	12			123		376	584	842	2295		1290			200	355	234		3
4	Rockdale, Grand Grève and Barra Head.	2			415		325	27	168	99		94			78	8			4
5	St. Peters and River Bourgeois	1			387				3432			217				30			5
6	Louisdale and River inhabitants								20										6
7	Ports Richmond and Malcolm.								1161										7
8	West Bay.								30										8
9	Isle Madame	45			1487	12	3823		459	17404		1470	895		640				9
	Totals	88	14		4065	459	4541	611	6671	19801		3105	895		918	431	246		
	Rates.	12 00	7 00		18 00	10 00	2 00	2 50	5 50	2 00		4 25	1 50		1 50	4 00	1 00		
	Values.	1056	98		73170	4590	9082	1527	36690	39602		13196	1342		1377	1724	246		

*Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the County of Richmond, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Herring, pickled, brls.	Herring, used as bait, brls.	Herring, used as fertilizer.	MacKereel, fresh, cwts.	MacKereel, salted, brls.	Alwives, salted, brls.	Halibut, fresh, cwts.	Flounders, fresh, cwts.	Smelts, fresh, cwts.	Wels, fresh, cwts.	Tom-cod, fresh, cwts.	Swordfish, fresh, cwts.	Mixed fish, fresh, cwts.	Squid, used as bait, brls.	Clams and quahaugs, fresh, brls.	Tongues and sounds, pickled, and dried, cwts.	Fish oil, gals.	Number.
<i>County of Richmond.</i>																			
1	Fourchu, Framboise and vicinity					304		19							13	30		340	1
2	Grand River and vicinity	21	6			279									1	4		100	2
3	Point Michaud and L'Ardoise	598	10		1136	1143	3	15					97		37			1015	3
4	Rockdale, Grand Grève and Barra Head	775	289		841	200		7					87					192	4
5	St. Peters and River Bourgeois	40				350		28	15	82	15				50	36		1600	5
6	Louisdale and River inhabitants	367				50			100										6
7	Port Richmond and Malcoln	667				300	4						20					600	7
8	West Bay	60	6										635		49				8
9	Isle Madame	432	252		400	109		6		175	60								9
	Totals	2960	563		2377	2735	7	75	15	357	75	655	184		150	70		3847	
	Rates	5 00	2 00		5 00	12 00	4 00	8 00	1 00	8 00	5 00	1 00	5 00		3 00	3 00		30	
	Values	14800	1126		11885	32820	28	600	15	2856	375	655	920		450	210		1154	

Total value.....\$251,504

4 GEORGE V., A. 1914

THE

RETURN showing the Quantities and Values of all Fish caught and landed in a
the year

Number.	Fishing Districts.	Salmon *cwts.	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake & Cusk, cwts.	Hake & Cusk, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.	Herring, value.
	<i>Cape Breton.</i>		¢		¢		¢	¢		¢		¢			¢
1	North Sydney, Sydney, Glace Bay, Lingan and vicinity.....			2235	11175	4640	6960	609	609	18	18	87	64	2936	1468
2	Port Morien and vicinity..	23	230	2100	10500	660	990	45	45	...	...	42	32	5185	2592
3	Upper North Sydney, Long Island and Leitches Creek.....					138	207	...	...	...	...	...	...	400	200
4	Main-a-Dieu, Lorraine and Mira Bay.....	146	1460	2430	12150	4825	7237	1239	1239	...	...	650	488	694	347
5	Gabarouse and vicinity....			4826	24130	3299	4948	399	399	...	...	699	525	3080	1540
6	Scatarie Island.....	19	190	919	4595	1294	1941	296	296	80	80	116	87	122	62
7	Little Bras-d'Or.....	5	50	3320	16600	1205	1807	10	10	...	...	...	...	520	260
8	Louisburg and vicinity....	5	50	1495	7475	2659	3988	1130	1130	516	516	30	23	850	425
	Totals.....	198	1980	17325	86625	18720	28078	3728	3728	614	614	1624	1219	13787	6894

*Cwt. =100 lbs.

SESSIONAL PAPER No. 22

CATCH.

Green State in the County of **Cape Breton**, Province of **Nova Scotia**, during 1912-13.

Mackerel, cwts.	Mackerel, value.	Shad, cwts.	Shad, value.	Alewives, cwts.	Alewives, value.	Halibut, cwts.	Halibut, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Eels, cwts.	Eels, value.	Tom-cod, cwts.	Tom-cod, value.	Sword-fish, cwts.	Sword-fish, value.	Squid, brls.	Squid, value.	Oysters, brls.	Oysters, value.	Clams, brls.	Clams, value.	Number.
	%		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$	
18	54	...	...	...	...	64	320	34	170	...	...	...	...	...	...	7	28	...	...	...	...	...	...	1
8	24	...	...	...	...	31	155	60	300	...	...	10	50	...	...	...	...	2	6	...	...	20	20	2
4	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
546	1638	16	48	61	61	28	140	10	50	...	...	...	...	7	7	14	56	45	135	...	...	...	...	4
900	2700	...	...	...	...	...	...	20	100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
28	84	...	...	...	...	53	265	...	...	...	...	...	...	...	...	10	40	14	42	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
586	1758	...	...	...	...	4	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
2090	6270	16	48	61	61	180	900	124	620	...	...	10	50	7	7	31	124	61	183	...	...	20	20	

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state for the County of Cape Breton, province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen,* cwt.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwt.	Cod, fresh, cwt.	Cod, shipped green salted, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Haddock, dried, cwt.	Hake and Cusk, fresh, cwt.	Hake and Cusk, dried, cwt.	Pollock, fresh, cwt.	Pollock, dried, cwt.	Herring, fresh, cwt.	Herring, pickled, brls.	Herring, used as bait, brls.	Mackerel, fresh, cwt.	Number.
<i>Cape Breton County</i>																		
1	North Sydney, Sydney, Glace Bay, Lingan and vicinity.....	.....	894	9	2078	150	754	345	88	.....	6	42	15	608	400	564	18	1
2	Port-Morien and vicinity.....	23	840	.....	.....	.....	220	.....	15	.....	.....	.....	14	35	1040	1015	8	2
3	Upper North Sydney, Long Island, and Leitchies Creek.....	.....	.....	.....	138	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200	4	3
4	Main-a-dieu, Lorraine & Mira Bay.....	146	954	46	.....	185	1485	.....	415	.....	.....	110	180	.....	180	77	4	4
5	Gabarons & vicinity.....	.....	2298	.....	50	.....	1083	.....	135	.....	.....	.....	233	.....	360	1000	30	5
6	Scatarie Island.....	19	.....	.....	182	250	204	80	72	20	20	23	31	.....	14	40	4	6
7	Little Bras d'Or.....	5	1328	.....	.....	400	135	10	10	.....	.....	.....	.....	.....	.....	260	7	7
8	Louisburg & vicinity.....	5	598	.....	259	.....	800	23	369	.....	172	.....	10	80	232	37	136	8
	Totals.....	198	6912	55	2707	985	4681	458	1090	20	198	175	483	723	2226	3193	200	
	Rates.....\$	10 00	18 00	5 00	1 50	2 50	5 00	2 00	3 00	1 50	3 00	1 50	3 00	1 00	6 00	1 50	3 00	
	Values.....\$	1980	124416	275	4060	2462	23405	916	3270	30	594	262	1449	723	13356	4790	600	

* Cwt. = 100 lbs

SESSIONAL PAPER No. 22

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state for the County of Cape Breton, province of Nova Scotia, during the year 1912-13.—*Concluded.*

Fishing Districts.	Mackerel, salted, brls.	Shad, fresh, cwts.	Shad, salted, brls.	Alewives, fresh, cwts.	Alewives, salted, brls.	Sardines, canned, cases.	Sardines, fresh and salted, brls.	Hallbut, fresh, cwts.	Flounders, fresh, cwts.	Smelts, fresh, cwts.	Eels, fresh, cwts.	Tom-cod, fresh, cwts.	Sword-fish, fresh, cwts.	Squid, used as bait, brls.	Clams and Quahaugs, fresh, brls.	Fish-Oil, gals.	Numbers.
<i>Cape Breton County.</i>																	
North Sydney, Sydney, Glace Bay, Langan and vicinity.....								64		34	10			2	20	945	1
Port-Morien and vicinity.....								31		60							2
Upper North Sydney, Long Island, and Leitch's Creek.....		16		13	16					10		7	14	45			3
Main-a-dieu, Lorraine and Mira Bay.....	182							28		20						840	4
Gabarouse and vicinity.....	290							53					10	14		500	5
Seatarie Island.....	8															625	6
Little Bras d'Or.....	150							4								1527	7
Louisburg and vicinity.....																	8
Totals.....	630	16		13	16			130		124	10	7	31	61	20	4437	
Rates.....	12 00	5 00		2 00	3 00			8 00		10 00	8 00	2 00	10 00	3 00	1 00	30	
Values.....	7560	80		26	48			1440		1240	80	14	310	183	20	1331	
Total value.....																\$ 194,920	

* Cwt. = 100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Victoria, Province of Nova Scotia, during the year 1912-13.

Fishing Districts.	Salmon, * cwt.	Salmon, value.	Lobsters, cwt.	Lobsters, value.	Cod, cwt.	Cod, value.	Haddock, cwt.	Haddock, value.	Hake and Cusk, cwt.	Hake and Cusk, value.	Pollock, cwt.	Pollock, value.	Herring, cwt.	Herring, value.	Mackerel, cwt.	Mackerel, value.	Shad, cwt.	Shad, value.	Number.
<i>Victoria County.</i>																			
1 Iona, Washabuck and Little Narrows...	43	430	20	1000	946	946	...	...	...	...	...	...	869	434	...	...	...	...	1
2 Wreck Cove to Cape Smokey...	29	290	515	2060	300	300	180	144	...	...	...	...	322	243	30	90	...	...	2
3 Breton Cove and vicinity to Englishtown	30	300	982	3928	582	582	465	372	...	...	...	...	7644	5733	21	63	...	...	3
4 Baddeck and vicinity.	3	30	...	...	190	285	...	...	...	...	...	...	370	185	3	15	...	...	4
5 Ingonish...	120	1200	1262	5048	14195	14195	26379	26379	...	...	1914	1530	2080	1560	180	900	...	...	5
6 Neil's Harbour and New Haven...	1	10	1545	6180	8931	13396	3492	3492	120	108	375	300	639	480	13	65	...	...	6
7 White Point, Dingwall and Sugar Loaf.	123	1230	1022	4088	3386	5079	1140	1140	51	45	249	199	864	648	5	25	...	...	7
8 Sparling's Brook, Bay St. Lawrence and vicinity	54	540	1892	7568	1280	1920	136	136	12	10	111	88	720	540	6	30	...	...	8
9 Big Bras d'Or.	...	...	...	...	120	210	...	...	...	...	14	14	85	63	...	...	...	...	9
Totals.	403	4030	7238	29872	29930	36913	31792	31663	183	163	2663	2131	13593	9886	258	1188	...	...

*Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Victoria, Province of Nova Scotia, during the year 1912-13.—*Con.*

Number.	Fishing Districts.	Alewives, cwts.	Alewives, value.	Sardines, brls.	Sardines, value.	Hallibut, cwts.	Hallibut, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Hels, cwts.	Hels, value.	Sword-fish, cwts.	Sword-fish, value.	Squid, brls.	Squid, value.	Oysters, brls.	Oysters, value.	Clams, brls.	Clams, value.	Number.
1	Iona, Washabuck and Little Narrows.	75	75					50	200	7	56	28	84					515	1030			1
2	Wreck Cove to Cape Smekey.																					2
3	Breton Cove and vicinity to Englishtown.							12	48									13	26			3
4	Baddeck and vicinity.							20	80													4
5	Ingonish.																					5
6	Neil's Harbour and New Haven.							19	114							16	32					6
7	White Point, Dingwall and Sugar Loaf.							64	384	4	32	12	36	250	1500	23	46			4		7
8	Sparlings Brook, Bay St. Lawrence and vicinity.													45	270							8
9	Big Bras d'Or.																					9
	Totals.	75	75			132	792	101	404	11	88	40	120	295	1770	39	78	528	1056	4		3

*Cwt=100 lbs.

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the County of Victoria, Province of Nova Scotia, during the Year 1912-13.

Number.	Salmon, fresh and frozen, *cwt.	Salmon, canned, cases.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwt.	Cod, fresh, cwt.	Cod, shipped green salted, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Haddock, smoked, cwt.	Haddock, dried, cwt.	Hake and Cusk, dried, cwt.	Pollock, fresh, cwt.	Pollock, dried, cwt.	Herring, fresh, cwt.	Herring, smoked, cwt.	Herring, pickled, brls.	Number.
<i>Victoria County.</i>																	
1 Iona, Washabuck and Little Narrows	43	...	...	20	253	237	73	...	...	...	...	...	...	89	67	136	1
2 Wreck Cove to Cape Smokey	29	...	206	...	...	...	100	...	...	...	...	...	...	322	...	...	2
3 Breton Cove and vicinity to Englishtown	30	...	393	...	...	...	194	...	...	...	...	...	...	...	...	...	3
4 Baddeck and vicinity	3	...	...	...	106	25	11	...	...	...	...	...	...	120	...	...	4
5 Ingonish	120	...	505	...	...	4731	1577	2016	60	8081	...	...	638	...	...	...	5
6 Neil's Harbour and New Haven	1	...	618	...	189	4371	...	90	...	1134	40	...	125	...	...	...	6
7 White Point, Dingwall and Sugar Loaf	73	60	409	...	110	1173	310	60	...	380	17	...	83	...	...	...	7
8 Sparling's Brook, Bay St. Lawrence and vicinity	54	...	757	...	50	615	...	15	...	40	4	...	37	...	...	...	8
9 Big Bras d'Or .....	...	...	...	...	120	...	...	...	...	...	...	14	...	85	...	...	9
Totals	353	60	2888	20	828	11152	2265	2182	60	9830	61	14	883	616	67	243	
Rate	12 00	7 00	18 00	8	2 50	4 00	5 50	2 50	3 00	4 00	4 00	2 00	3 50	1 00	3 50	4 00	
Value	4236	420	51984	160	2070	44608	12457	5455	180	39320	244	28	3090	616	235	972	

*Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state for the County of Victoria, Province of Nova Scotia, during the Year 1912-13—*Concluded.*

Number.	Fishing Districts.	Herring used as bait, brls.	Herring used as fertilizer, brls.	Mackerel, fresh, cwt.	Mackerel, salted, brls.	Alewives, fresh, cwt.	Alewives, salted, brls.	Halibut, fresh, cwt.	Smelts, fresh, cwt.	Trout, fresh, cwt.	Eels, fresh, cwt.	Sword fish, fresh, cwt.	Squid used as bait, brls.	Oysters, fresh, brls.	Clams and Quahogs, fresh, brls.	Tongues and Sounds, pickled and dried, cwt.	Hair seal skins, No.	Fish oil, gals.	Number.
1	Lona, Washabuck and Little Narrows...	99	20	...	...	15	20	...	50	7	28	...	...	515	...	...	...	40	1
2	Wreck Cove to Cape Smokey...	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	...	60	2
3	Breton Cove and vicinity to Englishtown...	3822	...	...	...	7	...	...	...	...	...	...	...	13	...	...	...	135	3
4	Baddeck and vicinity...	20	...	...	...	...	...	...	12	...	...	...	...	...	...	...	...	8	4
5	Ingonish...	1040	...	180	...	...	...	...	20	...	...	...	...	...	...	...	...	3730	5
6	Neil's Harbour and New Haven...	297	...	13	...	...	...	...	19	...	...	...	16	...	...	...	...	3600	6
7	White Point, Dingwall and Sugar Loaf...	414	...	5	...	...	...	...	64	4	12	250	23	...	...	...	...	1200	7
8	Sparling's Brook, Bay St. Lawrence and vicinity	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	8
9	Big Bras d'Or...	345	...	6	...	...	...	...	49	...	...	...	...	...	...	...	...	490	9
	Totals...	6037	20	207	17	15	20	132	101	11	40	205	39	528	4	9	39	9263	
	Rate...	2 00	0 25	8 00	12 00	2 00	4 00	10 00	6 00	10 00	5 00	9 00	4 00	4 00	2 00	5 00	1 00	0 30	
	Values...	12074	5	1656	204	30	80	1320	606	110	200	2455	156	2152	8	45	39	2778	
	Total Value...																	\$189,993	

*Cwt. = 100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State, in the County of Inverness, Province of Nova Scotia, during the Year 1912-13.

Fishing Districts.	Salmon, *cwt.	Salmon, value.	Lobsters, cwt.	Lobsters, value.	Cod, cwt.	Cod, value.	Haddock, cwt.	Haddock, value.	Hake and Cusk, cwt.	Hake and Cusk, value.	Pollock, cwt.	Pollock, value.	Herring, cwt.	Herring, value.	Mackerel, cwt.	Mackerel, value.	Alewives, cwt.	Alewives, value.	Halibut, cwt.	Halibut, value.	Number.
<i>County of Inverness.</i>																					
1 Meat Cove, Poulet Cove and Pleasant Bay...	182	1820	1817	7268	815	1222	2562	2562	1350	1350	55	40	448	448	639	3195	..	..	1	6	1
2 Cap Rouge, Eastern Harbour, Cheticamp and Grand Etang	232	2320	4390	17560	12644	18066	182	618	300	463	348	260	812	812	4683	23415	..	..	7	42	2
3 Friar's Head, Margaree Harbour to Smith's Cove.....	740	7400	1937	7748	5215	5215	182	618	300	463	240	180	..	..	930	5580	..	..	..	..	3
4 Broad Cove, Port Ban to Mabou Harbour...	20	200	3720	14880	2478	3717	618	618	300	463	..	..	686	515	..	..	..	..	..	..	4
5 West Lake Ainslie and Whycocomah Bay...	..	..	..	..	480	720	..	..	..	..	..	..	108	81	..	..	168	84	..	..	5
6 Little Mabou and Port Hood to Hawkesbury	30	300	6200	24800	5638	8457	2222	2222	2736	2736	..	..	7000	5250	700	4200	..	..	..	..	6
7 West Bay, Malagawatch and Denny's Basin...	..	..	..	..	..	..	..	..	..	..	..	..	1200	900	..	..	..	..	..	..	7
Totals.	1204	12040	18064	72256	27270	38297	5584	5584	4849	4849	643	480	10254	8006	6952	36390	168	84	8	48	

*Cwts. = 100 lbs.

SESSIONAL PAPER No. 22

THE CATCH.

12 RETURN showing the Quantities and Values of all Fish caught and landed in a Green State, in the County of Inverness, Province of
 13 Nova Scotia, during the Year 1912-13—Continued

Number.	Fishing Districts.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Bas, cwts.	Bas, value.	Eels, cwts.	Eels, value.	Sword-fish, cwts.	Sword-fish, value.	Mixed fish, cwts.	Mixed fish, value.	Squid, brls.	Squid, value.	Oysters, brls.	Oysters, value.	Clams, brls.	Clams, value.	Quahags, brls.	Quahags, value.	Number.
County of Inverness.																						
1	Meat Cove, Poulet Cove and Pleasant Bay.									20	120	126	126	20	40							1
2	Cap Rouge, Eastern Harbour, Cheticamp and Grand Etang	10	30	5	25	5	4	24	96					25	50							2
3	Friar's Head, Margaree Harbour to Smith's Cove																					3
4	Broad Cove, Port Ban to Mabou Harbour.	40	120											4	8							4
5	West Lake Ainslie and Whycomoh Bay			26	130																	5
6	Little Mabou and Port Hood to Hawkesbury.	20	60					40	160					500	1000							6
7	West Bay, Malagawatch and Denny's Basin															200	400					7
Totals.		70	210	31	155	5	4	64	256	20	120	126	126	549	1098	200	400					

Cwts. = 100 lbs.

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for the County of Inverness, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen,* cwts.	Salmon, canned, cases.	Lobsters, canned, cases.	Cod, fresh, cwts.	Cod, shipped green-salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, dried, cwts.	Hake and Cusk, fresh, cwts.	Hake and Cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Herring, fresh, cwts.	Herring, pickled, brls.	Herring used as bait, brls.	Number.
<i>County of Inverness.</i>																	
1	Meat Cove, Poulet Cove and Pleasant Bay	169	15	727	...	367	27	...	...	...	...	55	116	...	...	224	1
2	Cap Rouge, Eastern Harbour, Cheticamp and Grand Etang	282	...	1756	...	1000	3548	...	854	...	450	...	...	...	...	406	2
3	Friar's Head, Margaree Harbour to Smith's Cove	740	...	775	300	...	1688	32	50	...	100	...	80	...	...	244	3
4	Broad Cove, Port Ban t, Mabou Harbour	20	...	1488	780	...	566	300	106	67	132	...	...	...	66	...	4
5	West Lake Ainslie and Wycomoh Bay .....	...	...	...	360	...	40	...	...	...	...	...	...	...	36	...	5
6	Little Mabou and Port Hood to Hawkesbury	30	...	2480	5638	...	...	2222	...	...	912	...	...	...	1000	2000	6
7	West Bay, Malagawatch and Deny's Basin .....	...	...	...	...	...	...	...	...	...	...	...	...	1200	...	...	7
	Totals	1191	15	7226	7078	1367	5819	2554	1010	67	1594	55	196	1200	1102	2874	
	Rates	12	7	18	2	3	5.50	2	4	1.75	4	1	3	1	5	2	
	Values	14292	105	130068	14156	4101	32004	5108	4040	117	6376	55	588	1200	5510	5748	

*Cwt.=100 lbs.

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for District No. 1, Province of Nova Scotia, during the year 1912-13.

Kinds of Fish.	Caught and Landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
Salmon.....	cwts.	1,903	\$	19,030	
" used fresh and frozen.....	"		1,830	21,564	
" canned.....	cases.		89	629	22,187
Lobsters.....	cwts.	53,221		240,823	
" canned.....	cases.		21,091	379,638	
" shipped in shell.....	cwts.		534	5,025	384,663
Haddock.....	"	70,220		70,091	
" used fresh.....	"		24,995	51,081	
" smoked.....	"		60	180	
" dried.....	"		15,035	59,826	111,087
Cod.....	"	101,696		129,064	
" used fresh.....	"		15,154	29,368	
" shipped green-salted.....	"		14,115	52,698	
" dried.....	"		19,436	104,556	186,622
Hake and Cusk.....	"	6,541		6,296	
" used fresh.....	"		982	1,489	
" dried.....	"		1,853	7,214	8,803
Pollock.....	"	7,141		5,488	
" used fresh.....	"		1,162	1,722	
" dried.....	"		1,993	6,851	8,573
Herring.....	"	47,886		36,598	
" used fresh.....	"		2,785	2,785	
" smoked.....	"		67	235	
" pickled.....	brls.		6,531	34,638	
" used as bait.....	"		12,667	23,738	
" used as fertilizer.....	"		20	5	61,401
Mackerel.....	cwts.	19,882		86,172	
" used fresh.....	"		3,774	22,061	
" salted.....	brls.		5,369	80,324	102,385
Shad.....	cwts.	16		48	
" used fresh.....	"		16	80	80
Alewives.....	"	325		241	
" used fresh.....	"		28	56	
" salted.....	brls.		100	352	408
Halibut.....	cwts.	395		2,190	3,440
Flounders.....	"	15		15	15
Smelts.....	"	652		3,376	5,052
Trout.....	"	42		243	420
Bass.....	"	5		4	5
Eels.....	"	189		576	975
Tom Cod.....	"	662		662	669
Swordfish.....	"	530		2,750	3,865
Mixed Fish.....	"	126		126	252
Squid.....	brls.	799		1,809	2,935
Oysters.....	"	728		1,456	2,752
Clams and Quahaugs.....	"	94		233	
" used fresh.....	"		94	238	238

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for District No. 1, Province of Nova Scotia, during the year 1912-13—*Concluded.*

Kinds of Fish.	Caught and Landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Tongues and Sounds..... cwt.			9		45
Hair Seal Skins..... No.			44		44
Fish Oil..... galls.			21,897		6,351
Totals.....		478,227			913,217

Of the Number of Fishermen, &c., and of the Number and Value of Fishing Vessels
Boats, Nets, &c., in **District No. 1**, Province of **Nova Scotia**, for the year
1912-13.

	Number.	Value.
		\$
Vessels (tonnage 2,144).....	105	63,200
Boats (sail).....	2,392	77,520
" (gasoline).....	179	45,840
Tugs, Smacks, etc.....	54	19,600
Gill Nets.....	11,072	76,915
Seines.....	1	175
Trap and Smelt Nets.....	218	18,207
Weirs.....		
Trawls.....	1,909	10,592
Hand Lines.....	5,583	3,482
Lobster Traps.....	148,675	124,007
" Canneries.....	58	36,800
Freezers and Ice-houses.....	32	45,950
Smoke and Fish-houses..	710	42,605
Piers and Wharves.....	187	155,645
		720,538

Number of men employed on Vessels and Tugs.....	645
" " Boats.....	3,757
" persons employed in Fish-houses, Freezers, Canneries, etc...	1,170
<hr/> Total.....	<hr/> 5,572

4 GEORGE V., A. 1914

DISTRICT

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and County of **Cumberland**, Province of

Number.	Fishing Districts.	Fishing vessels, boats, tugs, etc.									Fishing						
		Vessels				Boats.					Tugs, Smacks, etc.			Gill nets.	Seines.		
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
				\$			\$		\$			\$			\$		\$
<i>County of Cumberland.</i>																	
1	Malagash, East Wallace and Fox Harbour					81	4050	62	12800	152							
2	Pugwash and Gulf Shore					25	1800	53	7950	82			2	20			
3	Port Philip, Northport and Amherst Shore					3	110	27	4250	34			64	640			
4	Wallace River					27	350			27			4	80			
5	River Philip					4	80	1	400	6			15	150	1	40	
6	Maccan and Nappan																
7	Minudie to Apple River					6	180	1	400	20							
8	Advocate					10	300	2	800	26							
9	Spencer's Island					4	120	1	400	10							
10	Port Greville					8	240	2	500	12							
11	Parrsboro and Two Islands					9	180	1	300	10							
	Totals					171	7410	150	27800	379			85	890	1	40	

* 3 lobster factories valued at \$1,500 not operated.

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels Industry in the County of **Colchester**, Province of

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, Etc.					Fishing	
		Boats.					Gill Nets.	
		Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.
			\$					\$
County of Colchester.								
1	Sterling.....	15	600			18		
2	Stewiacke.....	95	950			170	105	1050
3	Five Islands and Economy.....	1	75			1	1	60
4	Little Bass River to Highland Village	5	375			5	5	300
5	Great Village to Queens Village.....	13	975			13	13	780
Totals.....		129	2975			207	124	2190

SESSIONAL PAPER No. 22

No. 2.

the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the **Nova Scotia**, during the Year 1912-13.

gear.								Canneries.		Other material.				Persons Employed in Canneries, Freezers and Fish-houses.	Number.
Weirs.		Smelt Nets.		Hand Lines.		Lobster Traps.		*Lobster Canneries.		Freezers and Ice-houses.		Smoke and Fish-houses.			
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢		
.....	.....	15	350	.....	.....	33457	28640	14	21250	.....	.....	.....	.....	264	1
.....	.....	.....	.....	.....	.....	20830	20330	12	10200	.....	.....	.....	.....	124	2
2	50	19	230	.....	.....	6806	4800	6	1350	.....	.....	5	3000	70	3
.....	.....	5	120	.....	.....	.....	.....	.....	.....	.....	.....	9	90	.....	4
.....	.....	23	690	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
.....	.....	.....	.....	20	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	.....	.....	.....	26	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	.....	.....	10	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	.....	12	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
4	200	.....	.....	10	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
6	250	62	1390	78	39	61093	53770	32	32800	.....	.....	14	3090	458	.....

and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing of **Nova Scotia**, during the Year 1912-13.

gear.										Canneries.				Other Material.		Persons Employed in Canneries, Freezers, and Fish-houses.	Number.
Weirs.		Smelt Nets.		Trawls.		Hand Lines.		Lobster Traps.		Lobster Canneries.		Clam Can-neries.		Smoke and Fish-houses.			
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
.....	¢	¢	¢	¢	¢	¢	¢	¢	
.....	14	350	.....	.....	.....	.....	2500	2400	1	800	.....	.....	.....	.....	16	
.....	4	100	.....	.....	.....	.....	.....	.....	.....	.....	2	40	.....
.....	
.....	
.....	14	350	4	100	.....	.....	2500	2400	1	800	.....	.....	2	40	16	

4 GEORGE V., A. 1914

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Industry in the County of of **Pictou**, Province of

Number.	Fishing Districts	Fishing Vessels, Boats, Tugs, &c.							Fishing				
		Boats.					Tugs, Smacks, &c.			Gill Nets.		Trap Nets.	
		Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
<i>County of Pictou.</i>			\$		\$			\$		\$		\$	
1	West Pictou.....	53	2386	113	16385	190	1	400	2	90	810	.....	.....
2	Pictou Island.....	52	2080	31	5425	133	.....	.....	.....	100	850	1	600
3	Pictou Harbour.....	9	360	.....	.....	12	3	13400	7	54	378	.....	.....
4	Little Harbour and East Branch St. Mary's.....	20	700	2	350	31	.....	.....	.....	37	2292	.....	.....
5	Merigomish Island.....	9	360	4	800	15	.....	.....	.....	25	1314	.....	.....
6	Ponds.....	6	240	7	1400	17	.....	.....	.....	27	898	.....	.....
7	Lismore.....	3	120	4	800	12	.....	.....	.....	35	966	.....	.....
Totals.....		152	6246	161	25160	410	4	13800	9	368	7508	1	600

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Industry in the County of **Antigonish**, Province of

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, Etc.										Fishing			
		Vessels.				Boats.					Tugs, Smacks, &c.			Gill Nets.	
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Men.
	<i>County of Antigonish.</i>		\$		\$		\$								
1	Harbour au Bouche, Linwood and Cape Jack.....	2	35	350	6	62	841	1	75	71	3	1300	3	421	2478
2	Tracadie, Bayfield, Monk's Head & South Side Antigonish Harbour.....					80	1870	5	820	86	3	250	3	114	4925
3	North Side Antigonish Harbour, Lakevale and South Side of Cape George.....					38	720	8	1110	56	2	400	2	126	2278
4	North Side of Cape George, Georgeville and Malignant Cove to Knoydart.....					32	650	7	1070	43	3	600	3	93	1468
	Totals	2	35	350	6	212	4081	21	3075	256	11	2550	11	754	11149

SESSIONAL PAPER No. 22

Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing
Nova Scotia, during the Year 1912-13.

Gear.						Lobster Canneries.		Other Material.						Persons Employed in Canneries, Freezers and Fish-houses.	Number.
Smelt Nets		Hand Lines.		Lobster Traps.		Canneries.		Freezers and Ice-houses.		Smoke and Fire houses.		Piers and Wharves.			
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
	\$		\$		\$		\$		\$		\$		\$		
5	130	166	83	44134	34000	13	25100	.....	.....	.....	.....	11	950	272	1
.....	.....	30	15	22950	20950	3	18000	.....	.....	.....	.....	.....	.....	137	2
6	150	15	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	3
4	120	15	8	1800	1350	1	300	.....	.....	.....	.....	.....	.....	13	4
4	120	26	13	1770	985	1	1000	1	1500	.....	.....	.....	.....	16	5
2	60	26	13	5000	3000	1	1200	1	1500	.....	.....	.....	.....	28	6
.....	.....	14	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
21	580	292	147	75654	60285	19	45600	2	3000	.....	.....	11	950	481	

Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing
Nova Scotia, during the Year 1912-13.

Gear.								Lobster Canneries.		Other Material.								Persons Employed in Canneries, Freezers and Fish-houses.	
Smelt Nets.		Trawls.		Hand Lines.		Lobster Traps.		Canneries.		Freezers and Ice-houses.		Smoke and Fish houses.		Piers and Wharves.					
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.			
8	16	60	240	120	60	8000	4000	1	1000	1	1000	37	400	2	4000	36			
11	22	25	120	76	38	3500	1750	1	800	2	1900	26	370	.....	.....	24	
5	56	50	263	40	20	8100	4860	2	2400	1	1000	17	280	.....	.....	44	
.....	.....	28	150	38	19	6000	4120	2	2200	2	2200	17	298	.....	.....	29
24	94	163	773	274	137	25600	14730	6	6400	6	6100	97	1348	2	4000	133			

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the County of **Guysboro**, Province of **Nova Scotia**, during the Year 1912-13.

Fishing Districts.		Fishing Vessels, Boats, Tugs, etc.										Fishing Gear.									
		Vessels.				Boats.				Tugs, Smacks, etc.		Gill nets.		Seines.		Trap nets.		Weirs.			
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.		
Guysboro County.																					
1	Ecum Secum.....					35	500	12	2000	50	1	150	2	90	500	2	100				
2	Marte Joseph.....					40	600	15	2500	48	1	150	2	100	600						
3	Liscomb and Spanish Ship Bay.....					75	1500	15	3000	60	2	400	4	120	700	2	100				
4	Gegoggin.....					34	600	4	600	22				40	240						
5	St. Mary's Bay and River.....					34	350	8	1200	33				45	270						
6	Wine Harbour.....					30	350	1	150	22				60	750	1	100				
7	Port Hillford.....					35	1000	1	150	35	1	100	1	80	750						
8	Holland's Harbour and Indian River.....					10	300	1	500	9				30	200						
9	Port Beckerton.....					30	800	16	8000	58	1	350	2	350	2000						
10	Fisherman Harbour.....					25	500	8	2200	30	1	600	2	100	600						
11	Country Harbour.....					15	200			10				30	300						
12	Isaacs Harbour.....					10	500	13	3900	38	2	500	3	175	1750						
13	Drum Head.....					10	450	15	4500	36	3	6000	12	223	2230						
14	Seal Harbour.....					6	300	10	3000	30				186	1860						
15	Coddle's Harbour.....					3	150	9	2700	22				161	1610						
16	New Harbour.....					4	200	27	8100	70	1	300	2	535	5350						
17	Tor Bay.....					22	1680	2	300	26	1	150	2	180	1800						
18	Larry River.....	6	88	5000	25	70	4200			59	2	300	3	810	8100						
19	Charles Cove.....	9	129	5500	47	60	3000	3	750	32	1	400	2	570	5700						
20	Cole Harbour.....	1	10	400	3	42	2100	4	800	41				495	4950						
21	Port Felix.....	3	59	1600	12	82	4100	5	1000	88	1	250	2	975	9750						
22	Whitehead.....	12	187	8400	36	84	4200	12	3000	95	3	1200	5	1100	11000						
23	Raspberry and Dover.....	4	61	3000	19	50	1500	4	1000	32				150	1500						
24	Canso and Canso Tittle.....	19	330	20050	93	165	6430	30	9000	144	10	20150	25	2075	20750						
25	Fox Island Maine.....					20	600			15				175	1700						
26	Half Island Cove.....	1	11	450	3	42	2100	4	800	40	1	500	2	900	9000						

SESSIONAL PAPER No. 22

27 Philips Harbour.....	1	10	450	5	31	1200	3	900	34	2	600	3	6500	13 300	53	24850	3	50
28 Queensport.....					46	2760	4	800	52				5900		6	2700		28
29 Peas Brook.....					34	1000			34				3600		1	500		29
30 Half Way Cove.....					54	2050			50				6100		4	2000		30
31 Sandy Cove and Cooks Cove.....	1	11	500	3	34	1200	2	500	46	1	75	1	400		5	2400		31
32 Guysboro and Manchester.....					18	600	2	350	22	1	150	1	280		2	800		32
33 Port Shoreham.....					18	650			22				390					33
34 St. Francis.....					36	1240			36				4320					34
35 Oyster Ponds.....					34	1020			36				3850					35
36 Sand Point.....					28	1520			15				4250					36
37 Middle Melford.....					38	2130	2	700	38				9000	2 500				37
38 Mulgrave and Auld's Cove.....					7	330			10	3	8600	8	90					38
Totals.....	57	896	45350	2461411		53910	232	62400	1538	39	40925	84	15375	149075	13 300	24850	3	50

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the County of Guysboro, Province of Nova Scotia, during the Year 1912-13.—*Concluded.*

Fishing Districts.	Fishing Gear.						Canneries.		Other Material.						Persons employed in Canneries, Freezers and Fish house	Number.	
	Smelt nets.		Trawls.		Hand lines.		Lobster traps.		*Lobster canneries	Freezers and Ice-house.		Smoke and Fish-house.		Piers and Wharves.			
	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		Number.	Value.	Number.	Value.				
Guysboro County.																	
1 Ecum Secum	6	30	20	120	110	55	3000	3000	2	100	25	400	4	250	4	1	
2 Marie Joseph.	4	20	25	300	100	50	2500	2500	1	1	50	500	6	300	5	2	
3 Liscombe and Spanish Ship Bay	15	75	30	350	150	75	6000	6000	1	1200	3	100	6	200	25	3	
4 Geggan	3	25	10	100	50	25	1600	1600	1	400	15	200	2	150	4	5	
5 St. Mary Bay's and River.....	3	25	4	40	30	15	1200	1200	4	300	15	250	1	50	4	5	
6 Wine Harbour	1	8	4	40	30	15	1500	1500	1	100	12	300	1	50	6	6	
7 Port Hillford	14	70	18	100	50	25	1000	1000	2	200	15	300	1	40	7	7	
8 Holland's Harbour and Indian River.....			6	100	15	8	900	900			4	150	1	40	8	8	
9 Port Beckerton			25	750	120	60	4000	4000	12	1500	20	800	8	400	3	9	
10 Fisherman's Harbour	1	5	10	100	50	25	1500	1500	1	800	8	200	3	150	19	10	
11 Country Harbour			3	30	15	7	500	500			6	150			11	11	
12 Isaacs Harbour			25	250	50	50	3000	3000	1	1500	3	8000	19	3500	25	12	
13 Drum Head			127	1270	65	65	3000	3000	1	2000	1	3000	20	2600	8	13	
14 Seal Harbour.....			64	640	84	84	2000	2000			1	1000	10	1600	2	13	
15 Coddle's Harbour.....			23	230	143	143	1500	1500			8	800	5	700	6	14	
16 New Harbour	25	250	70	700	393	393	3000	3000	1	2000	30	9800	3	3000	8	16	
17 Tor Bay.....			15	150	120	120	1800	1800			1	2000	13	1300	8	16	
18 Larry River.....			80	800	265	265	4500	4500	1	300	32	3040	3	700	14	17	
19 Charlo's Cove			100	1000	190	190	4700	4700			18	18	20	10000	18	18	
20 Cole Harbour.....			65	650	110	110	3300	3300			20	2200	32	3000	4	19	
21 Port Felix.....			150	1500	250	250	4900	4900	1	300	18	350	15	3500	20	20	
22 Whitehead			200	2000	270	270	11800	11800	3	2700	42	4500	27	12500	15	21	
23 Raspberry and Dover			65	650	110	110	6700	6700	1	800	38	9700	28	12970	68	22	
24 Canso and Canso Tittle.....			500	5000	905	905	11000	11000	2	3500	56	17050	30	13000	23	23	
25 Fox Island Maine.....			30	300	45	45	2700	2700	1	150	5	900	5	900	103	24	
26 Half Island Cove.....			35	350	110	110	2000	2000	1	400	20	650	1	800	25	25	

Fishing Districts.				Fishing Vessels, Boats, Tugs, etc.										Fishing Gear.				
				Vessels.			Boats.			Tugs, Smacks, etc.			Gill Nets.		Seines.		Traps Nets.	
Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	
<i>Halifax County.</i>																		
1	80	3000	20	138	2170	2	1000	90	1	150	2	800	4800	80	30000			
2	55	4400	18	212	8480	6	1000	135				2000	19000	39	8850			
3	140	14000	45		200	8400	8	2000	89	2	400	3100	18600	11	2850			
4				100	3000	1	200	36				500	3000	12	3200			
5	203	16000	69	375	11000	4	1000	140				3000	18000	99	31450			
6	48	1500	10	105	3150	4	1000	88				1760	10560	70	24500			
7	195	630	64	200	8000	17	4250	130	1	200	2	750	4500	20	7000			
8	90	4200	32	20	600	5	1250	20				350	2100	9	3150			
9	82	5000	30	60	4500	5	1250	21	1	500	4	900	5400	12	4200			
10	52	2300	12	75	4400	6	1500	70				235	1410	8	2400			
11				38	1320	8	2000	60				480	2880	13	2900			
12	184	4900	46	79	3160	8	2000	85				110	660	16	3800			
13				5	175	1	250	9				42	252					
14				16	425			16				23	138	3	1050			
15	33	2000	18	6	150			21	1	2000	4	21	126					
16				67	1500	20	4820	76				256	1024			2	1200	
17				20	422			15				80	320					
18				13	280	1	150	15				56	224					
19	143	5000	36	113	1500	1	325	74				412	1648					
20								14				48	172					
21				35	580			33				70	280					
22				56	1220	16	3375	52				122	488					
23	114	4600	25	82	1222	15	3710	74	1	110	2	230	920	1	20			
24	63	2600	17	80	1840	8	1475	60	1	475	2	920	920	4	975			
25	15	500	4	19	1000	4	700	21				72	288					
26	30	600	5	8	665	8	600	22				108	432					
27	13	125	3	2	120	19												

4 GEORGE V., A. 1914

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the County of **Halifax**, Province of **Nova Scotia**, during the year 1912-13—*Concluded*.

Fishing Districts.		Fishing Gear.						Canneries.		Other Material.						Persons employed in Canneries, Freezers and Fish-houses.	Number.			
		Smelts Nets.		Trawls.		Hand Lines.		Lobster Traps.		Lobster Canne-ries.		Freezers and Ice-Houses.		Smoke and Fish-Houses.				Piers and Wharves.		
										Number.	Value.	Number.	Value.	Number.	Value.			Number.	Value.	
																				Number.
Halifax County.																				
1	North Shore.....																			12
2	East St. Margaret's.....																			2
3	Indian Harbour.....																			3
4	Peggy's Cove.....																			4
5	Dover.....																			5
6	Prospect.....																			6
7	Terrence Bay.....																			7
8	Pennant.....																			8
9	Sambro.....																			9
10	Ketch Harbour.....																			10
11	Portuguese Cove.....																			11
12	Herring Cove.....																			12
13	Fergusons Cove.....																			13
14	Bedford and Grand Lake.....																			14
15	Halifax.....																			15
16	Dartmouth Eastern Passage and Devil's Island.....																			16
17	Cow Bay and Lawrencetown.....																			17
18	Seaforth and Three Fathom Harbour.....																			18
19	West Chezetcook.....																			19
20	East Chezetcook.....																			20
21	Petpeswick Harbour.....																			21
22	Musquodoboit Harbour.....																			22
23	Jeddore.....																			23
24	Clam Harbour and Owl's Head.....																			24
25	West Ship Harbour.....																			25
26	East Ship Harbour.....																			26
27	Pleasant Harbour and Tangier.....																			27

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry in the County of **Hants**, Province of **Nova Scotia**, during the Year 1912-13.

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.					Fishing Gear.			
		Boats.					Gill Nets.		Weirs.	
		Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.
	<i>Hants County.</i>		\$		\$			\$		\$
1	Hantsport to Windsor.....	6	250	2	280	9	13	500	.....	.....
2	Windsor to Noel...	6	300	.....	.....	6	12	410	3	110
3	Maitland to Shubenacadie.....	20	300	.....	.....	30	40	400	.....	.....
4	Shubenacadie to Grand Lake.....	35	420	.....	.....	35	60	600	.....	.....
		67	1270	2	280	80	125	1910	3	110

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Cumberland, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, cwt.*	Salmon, value.	Lobsters, cwt.	Lobsters, value.	Cod, cwt.	Cod, value.	Haddock, cwt.	Haddock, value.	Hake and Cusk, value.	Pollock, cwt.	Pollock, value.	Herring, cwt.	Herring, value.	Shad, cwt.	Shad, value.	Alwives, cwt.	Alwives, value.	Halibut, cwt.	Halibut, value.	Flounders, cwt.	Flounders, value.	Smelts, cwt.	Smelts, value.	Trout, cwt.	Trout, value.	Oysters, brls.	Oysters, value.	Clams, brls.	Clams, value.	Number.		
<i>Cumberland County.</i>																																	
1	Malagash, East-Wal-			9208	46040								600	300																	1		
2	lace and Fox-Harbr.																														2		
3	Pugwash and Gulf-			8015	40075								1000	500														300	1500			3	
4	Shore.												13164	6582																		4	
5	Port Philip, Northport			1385	6925								20	10															780	3900			5
6	and Amherst Shore.																															6	
7	Wallace River.												5	2	55	275													1	8			6
8	River Philip.	5	50																														7
9	Maccan and Nappan.																																8
10	Minudie to Apple																																9
11	River.			180	900					20			8	4	46	280																	10
12	Advocate.	10	100	80	400	680	1360	216	324	60	2180	2180	116	58																			11
13	Spencer's Island.	10	100	84	420	565	1130	154	231	39	391250	1250	63	31																			12
14	Fort Greville.	12	120			350	700	85	127	3	450	450	7	3																			13
15	Parrsboro and Two-																																14
16	Islands.	25	250			50	100				220	220	27	13																			15
62		62	620	18952	94760	1645	3290	455	682	122	4100	4100	15010	7503	101	505	854	854	68	544	79	237	1927	9635	15	120	1095	5475	25	25			16

*Cwt.=100 lbs.

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for the County of **Cumberland**, Province of **Nova Scotia**, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, cwts.	LoBSTERS, canned, cases.	LoBSTERS, shipped in shell, cwts.	Cod, fresh, cwts.	Cod, shipped green and salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, smoked, cwts.	Haddock, dried, cwts.	Hake and cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Herring, pickled, brls.	Herring, used as bait, brls.	Herring, used as fertilizer, brls.	Number.
<i>Cumberland County.</i>																			
1	Malagash, East-Wallace and Fox-Harbour.	...	3683	...	...	...	...	...	...	...	...	...	...	...	...	...	300	...	1
2	Pugwash and Gulf-Shore.	...	8206	...	...	...	...	...	...	...	...	...	...	...	...	...	500	...	2
3	Port-Philip, Northport and Amherst-Shore.	...	550	10	...	...	...	...	...	...	...	...	...	200	4657	...	815	1000	3
4	Wallace River.	...	...	...	...	...	...	...	...	...	...	...	...	20	...	...	...	...	4
5	River Philip.	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
6	Maccan and Nappan.	...	...	180	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
7	Minudie to Apple River.	...	...	80	66	100	140	...	...	...	...	...	...	...	...	...	...	...	7
8	Advocate.	10	...	...	...	...	...	20	8	60	20	110	690	...	...	...	...	...	8
9	Spencer's Island.	10	...	84	60	50	135	20	7	40	13	140	370	...	...	...	...	...	9
10	Port Greville.	12	...	...	20	50	75	10	...	25	1	60	130	...	...	...	...	...	10
11	Parrsboro and Two Islands.	25	...	...	6	20	...	10	...	...	...	25	65	...	...	...	...	...	11
	Totals.	62	7439	354	146	220	350	60	15	125	40	335	1255	268	4667	48	1630	1000	
	Rates.	15	18	10	2.50	3.50	6	3	6	5	4	1.50	4.50	1	3	4.50	1.75	.50	
	Values.	930	133902	3540	365	770	2100	180	90	625	160	503	5648	268	14001	216	2853	500	

4 GEORGE V., A. 1914

THE

RETURN showing the Quantities and Values of all Fish caught and landed in a
the year

Number.	Fishing Districts.	Salmon, * cwts.	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Shad, cwts.	Shad, value.
	<i>County of Colchester.</i>		£		£		£		£		£		£		£
1	Sterling.....			785	3925										
2	Stewiacke.....	86	860											70	350
3	Five Islands.....					110	330	20	40	80	80			5	25
4	Economy.....	18	180												
5	Little Bass River to Highland Village....	80	800											23	115
6	Great Village to Queens Village	250	2500											61	305
	Totals.	434	4340	785	3925	110	330	20	40	80	80	...	...	159	795

*Cwt. =100 lbs.

SESSIONAL PAPER No. 22

CATCH.

Green Sate in the County of **Co chester**, Province of **Nova Scotia**, during 1912-13.

Alewives, cwts.	Alewives, value.	Sardines, cwts.	Sardines, value.	Halibut, cwts.	Halibut, value.	Flounders, cwts.	Flounders, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Bass, cwts.	Bass, value.	Oysters, brls.	Oysters, value.	Clams, brls.	Clams, value.	Number.
	¢		¢		¢		¢		¢		¢		¢		¢		¢	
543	543	....	....	....	....	....	....	175	875	2	16	....	....	134	536	....	....	1
....	....	....	....	....	....	....	....	....	....	8	64	5	25	....	....	....	....	2
....	....	....	....	....	....	....	....	....	....	5	40	....	....	....	....	62	62	3
....	....	....	....	....	....	....	....	....	....	3	24	....	....	....	....	....	....	4
....	....	....	....	....	....	....	....	....	....	1	8	....	....	....	....	....	....	5
....	....	....	....	....	....	....	....	....	....	2	16	....	....	....	....	....	....	6
543	543	....	....	....	....	....	....	175	875	21	168	5	25	134	536	62	62	

4 GEORGE V., A. 1914

THE CATCH

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in
Nova Scotia, during

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwt.	Lobster, canned, cases.	Cod, fresh, cwts.	Cod, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.
	<i>Colchester County.</i>						
1	Sterling.....		315				
2	Stewiacke.....	86					
3	Five Islands.....			70	14	10	3
4	Economy.....	18					
5	Little Bass River to Highland Village.....	80					
6	Great Village to Queens Village.....	250					
	Totals.....	434	315	70	14	10	3
	Rates.....	\$ 15	18	2.50	6	1.50	4.50
	Values	\$ 6510	5670	175	84	15	13
	Total Value.....						

THE

RETURN showing the Quantities and Values of all Fish caught and landed in a Green state

Number.	Fishing Districts.	Salmon, *cwts.	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.
	<i>Pictou County.</i>		\$		\$		\$		\$		\$
1	West Pictou.....	3	30	12845	64225	95	190				
2	Pictou Island.....			8458	42290	34	68				
3	Pictou Harbour.....	20	200	15	120	96	192	15	30	2	3
4	Little Harbour and East Branch St. Mary's.....	120	1200	1082	5410	34	68				
5	Merigomish Island.....	134	1340	683	3415	10	20				
6	Ponds.....	112	1120	2033	10165	30	60				
7	Lismore.....	17	170			5	10				
	Totals.....	406	4060	25116	125625	304	608	15	30	2	3

*Cwt...=100 lbs.

SESSIONAL PAPER No. 22

MARKETED.

a fresh, dried, pickled, canned, &c., state, for the County of **Colchester**, Province of the Year 1912-13.

Herring, fresh, cwts.	Herring, smoked, cwts.	Herring, used as bait, brls.	Shad, fresh, cwts.	Shad, salted, brls.	Alewives, fresh, cwts.	Alewives, salted, brls.	Smelts, fresh, cwts.	Trout, fresh, cwts.	Bass, fresh, cwts.	Oysters, fresh, brls.	Clams and Quahaugs, fresh, brls.	Number.
20	20	10	70 5		543		175	2		134		1
								2	5			2
								5				3
								3				4
			23 61					1				5
								2				6
20	20	10	159		543		175	21	5	134		62
1	3	1.75	10		2.50		7	10	10	6		2
20	60	17	1590		1358		1225	210	50	804		124
											\$17,925	

CATCH.

in the County of **Pictou**, Province of **Nova Scotia**, during the Year 1912-13.

Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Alewives, cwts.	Alewives, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Bass, cwts.	Bass, value.	Eels, cwts.	Eels, value.	Mixed Fish, cwts.	Mixed Fish, value.	Oysters, brls.	Oysters, value.	Number.
	\$		\$		\$		\$		\$		\$		\$		\$		\$	
2200	2200	3	18			18	90	2	16					50	100	150	750	1
2000	2000																	2
780	780	21	126	8	16	65	325	4	32	17	85	50	150					3
633	633					35	175	3	24									4
382	382	8	48			40	200	3	24			16	48					5
518	518	35	210			30	150	1	8									6
252	252	10	60															7
6765	6765	77	462	8	16	188	940	13	104	17	85	66	198	50	100	150	750	

4 GEORGE V., A. 1914

THE CATCH

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in
Nova Scotia, during

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwts.	Esters, canned, cases.	Lobsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod, dried, cwts.
	<i>County of Pictou.</i>					
1	West Pictou.....	3	5139		95	
2	Pictou Island.....		3383		16	6
3	Pictou Harbour.....	20		15	96	
4	Little Harbour and East Branch St. Mary's.	120	421	30	34	
5	Merigomish Island.....	134	273		10	
6	Ponds.....	112	813		30	
7	Lismore.....	17			5	
	Totals.....	406	10029	45	286	6
	Rates.....%	15.00	18.00	10.00	2.50	6.00
	Values.....%	6090	180522	450	715	36

Total value.....

THE

RETURN showing the Quantities and Values of all Fish caught and landed in a
the Year.

Number.	Fishing Districts.	Salmon, *cwts	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.
	<i>County of Antigonish.</i>		\$		\$		\$		\$		\$		\$	
1	Harbour au Bouche, Linwood and Cape Jack.....	55	550	3237	16185	463	463	16	16	50	25	35	35	1678
2	Tracadie, Bayfield, Monk's Head and South Side Antigonish Harbour.	733	7330	1697	9485	127	127	22	22	31	16			958
3	North Side of Antigonish Harbour, Lakevale and S. Side Cape George	173	1730	4257	21285	721	721	194	194	1944	972			1586
4	North Side Cape George, Georgeville and Malignant Cove to Knoydart.....	127	1270	1675	8375	106	106	64	64	1485	743			1082
	Totals.....	1088	10880	10866	55330	1417	1417	296	296	3510	1756	35	35	5304

Cwt.=100 lbs.

SESSIONAL PAPER No. 22

MARKETED.

a fresh, dried, pickled, canned, etc., state, for the County of **Pictou**, Province of the Year 1911-13.

Haddock, fresh, cwts.	Hake and Cusk, fresh, cwts.	Herring, fresh, cwts.	Herring, pickled, brls.	Herring, used as bait, brls.	Mackerel, fresh, cwts.	Alewives, fresh, cwts.	Smelts, fresh, cwts.	Trout, fresh, cwts.	Bass, fresh, cwts.	Eels, fresh, cwts.	Mixed Fish, fresh, cwts.	Oysters, fresh, brls.	Number.
..	..	100	500	200	3	..	18	2	..	..	50	150	1
15	2	780	400	400	21	8	65	4	17	50	..	..	2
..	..	530	..	41	..	..	35	3	..	..	..	..	3
..	..	50	4	160	8	..	40	2	..	16	..	..	4
..	..	100	6	200	35	..	30	1	..	..	..	..	5
..	..	40	..	106	10	..	..	..	..	..	..	..	6
15	2	1600	917	1207	77	8	188	13	17	66	50	150	7
3.00	1.50	1.00	4.50	1.75	8.00	2.50	7.00	10.00	10.00	5.00	2.00	6.00	
45	3	1600	4126	2113	616	20	1316	130	170	330	100	900	

\$199,232

CATCH.

Green State in the County of **Antigonish**, Province of **Nova Scotia**, during 1912-13.

Herring, value.	Mackerel, cwts.	Mackerel, value.	Flounders, cwts.	Flounders, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Bass, cwts.	Bass, value.	Eels, cwts.	Eels, value.	Tom-cod, cwts.	Tom-cod, value.	Mixed Fish, cwts.	Mixed Fish, value.	Squid, brls.	Squid, value.	Oysters, brls.	Oysters, value.	Number.
¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢
1678	770	3850	5	10	14	70	1	10	..	..	3	12	15	30	200	100	48	96	..	..	1
958	8	40	..	..	66	330	1	10	90	450	70	280	4	8	30	15	8	16	614	2456	2
1536	10	50	..	..	57	285	4	40	..	..	3	12	..	..	40	20	8	16	..	..	3
1082	34	170	..	..	..	..	1	10	15	75	..	..	..	..	50	25	14	28	..	..	4
5304	822	4110	5	10	137	685	7	70	105	525	76	304	19	38	320	160	78	156	614	2456	

4 GEORGE V., A. 1914

THE CATCH

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in
Nova Scotia, during

Number.	Fishing Districts.	Salmon, fresh and frozen, cwts.	Lobsters, canned, cases.	Cod, fresh, cwts.	Cod, shipped green-salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, dried, cwts.	Hake and Cusk, fresh, cwts.	Hake and Cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.
	<i>County of Antigonish.</i>											
1	Harbour au Bouche, Linwood and Cape Jack.....	55	1295	20	83	89	4	4	.....	17	35	....
2	Tracadie, Bayfield, Monk-Head and South Side Antigonish Harbour.....	733	678	25	30	14	4	5	.....	10	.....	....
3	North Side Antigonish Harbour, Lakevale and South Side Cape George.....	173	1703	300	50	107	59	45	.....	648	.....	....
4	North Side of Cape George, Georgeville and Malignant Cove to Knoydart..	127	670	20	10	22	34	9	.....	495	.....	....
	Totals.....	1088	4346	375	173	232	101	63	.....	1170	35	....
	Rates.....\$	15.00	18.00	2.50	3.50	6.00	3.00	5.00	.....	4.00	1.50	....
	Values.....\$	16320	78288	937	606	1392	303	315	.....	4680	53	....
	Total value.....											

Cwts., =100 lbs.

SESSIONAL PAPER No. 22

31 Sandy Cove and Cook's Cove.	40/	400	.....	446	620	198	248	190	143	300	180	391	391	490	1470	.....
32 Guysboro and Manchester	110	1100	.....	304	380	54	67	18	13	160	96	210	210	102	306	.....
33 Port Shoreham.	90	900	.....	392	490	138	198	60	45	75	45	250	250	106	318	.....
34 St. Francis.	.....	.....	.....	669	836	270	338	220	165	80	48	176	176	250	750	.....
35 Oyster Ponds.	.....	.....	.....	200	250	88	110	40	30	20	12	325	325	100	300	.....
36 Sand Point.	.....	.....	.....	196	245	60	75	65	49	25	15	469	469	179	537	.....
37 Middle Melford.	.....	.....	.....	76	95	250	312	80	60	100	60	632	632	850	2550	.....
38 Mulgrave and Auld's Cove.	72	720	2288	52	65	76	95	8	6	35	21	20	20	49	147	.....
Totals	786	7860	22618	74926	104498	135232	169373	9555	7258	24124	14639	33082	33082	13048	39144	3

*Cwt. = 100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Guysboro, Province of Nova Scotia, during the Year 1912-13—Continued.

Number.	Fishing Districts.	Alwives, value.	Hallbut, cwt.s.	Hallbut, value.	Smelts, cwt.s.	Smelts, value.	Trout, cwt.s.	Trout, value.	Bel.s, cwt.s.	Bel.s, value.	Swordfish, cwt.s.	Swordfish, value.	Squid, brls.	Squid, value.	Clams, brls.	Clams, value.	Whales, number.	Whales, value.
<i>Guysboro County.</i>																		
1	Ecum Secum.....	26	208				1	6	20	80	6	12						
2	Marie Joseph.....	41	328															
3	Liscomb and Spanish Ship Bay	46	368															
4	Gegoggin.....	4	32				1	6										
5	St. Mary's Bay and River.....	19	152				3	18									1	100
6	Wine Harbour.....	6	48															
7	Port Hilford.....	2	16		35	175	1	6			18	36			5	10		
8	Holland's Harbour and Indian River.....																	
9	Port Beckerton.....	142	1136				1	6	25	100	8	16						
10	Fisherman's Harbour.....	25	200								31	62						
11	Country Harbour.....						2	12										
12	Isaac's Harbour.....	46	230				2	12										
13	Drum Head.....	107	535								94	470						
14	Seal Harbour.....	35	175				1	6			325	1625						
15	Coddle's Harbour.....	52	260								207	1035						
16	New Harbour.....	134	670		70	350			30	60	44	220						
17	Tor Bay.....	9	45								28	140						
18	Larry's River.....	50	250				1	6										
19	Charlo's Cove.....	46	230						5	10	7	35						
20	Cole Harbour.....	2	10				2	12	10	20								
21	Port Felix.....	12	60															
22	Whitehead.....	70	350				3	18			310	1550						
23	Raspberry and Dover.....	8	40								425	2125						
24	Canso and Canso Tittle.....	6			5	25					300	1500						
25	Fox Island Maine.....										706	3530	450	1800				
26	Half Island Cove.....	2	10								200	1000						
27	Philip's Harbour.....										170	850						
28	Queensport.....						1	6										
29	Pear Brook.....	30	150						1	2			100	400				
30	Half Way Cove.....												100	400				

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, canned, &c., state, for the County of **Guysboro**, Province of **Nova Scotia**, during the year 1912-13.

Number.	Fishing Districts.										County of Guysboro.										Number.
	Salmon, fresh and frozen, *cwt.	Salmon, canned, cwt.	Salmon, salted, cwt.	Salmon, cured, cwt.	Salmon, smoked, cwt.	Lobsters, canned, cwt.	Lobsters, shipped in shell, cwt.	Cod, fresh, cwt.	Cod, shipped green-salted, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Haddock, smoked, cwt.	Haddock, dried, cwt.	Hake and Cusk, fresh, cwt.	Hake and Cusk, dried, cwt.	Pollock, fresh, cwt.	Pollock, dried, cwt.				
1	10						130	15		175			40			5	22	1			
2	5						250	30	298	298	10					37	23	2			
3	15					338	334	30	443	430	10		68			11	27	3			
4	30						80	10	130	130	6		18				15	4			
5	200						80	10	111	111			5				4	5			
6	25						100	8	70	70	3		8				1	6			
7	30						80	10	80	80			28			6	3	7			
8	6						50		15	15								8			
9							371		250	250	10		164			40	17	9			
10	5					439	323	17	145	145			20			20	24	10			
11	20						100		20	20						4	2	11			
12	5					710	338		315	210			10			22	36	12			
13						1158	915		301	201			45			62	60	13			
14									325	216			27			13	57	14			
15							1		140	94			15			15	17	15			
16	1						66		367	245			112			3	175	16			
17						216			200	200			8			2	97	17			
18	1								375	600			323			8	310	18			
19									225	750	8		301			202	200	19			
20	3						5	42	218	180	60		172			19	50	20			
21						58	27	1100	1067	500	30		639			59	163	21			
22	4					1028	474		678	1400	1000	619	413			356	433	22			
23						1559	174	10200	918	240	396		100			40	127	23			
24	100								2725	5450	90934	1828	7132			1216	4992	24			
25	2						12		188		275						23	25			
26	1					44	86	500	568	350	1500		392			196	327	26			
27	1							30	419	260	790		286			167	150	27			
28						6-0		250	521	575	1400		228			297	301	28			
29	11							8	116	200	115		60			50	92	29			
30								45	1-2	190	200		97			107	98	30			
	40						18		89	100	6		6			63	100	31			

SESSIONAL PAPER No. 22

[illegible]

*Cwt. = 100 lbs.

4 GEORGE V., A. 1914

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the County of Guysboro, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Herring pickled, brls.	Herring, used as bait, brls.	Mackerel, fresh, cwts.	Mackerel, salted, brls.	Alwives, fresh, cwts.	Halibut, fresh, cwts.	Smelts, fresh, cwts.	Trout, fresh, cwts.	Bels, fresh, cwts.	Swordfish, fresh, cwts.	Squid, used as bait, brls.	Clams and quahaugs, used fresh, brls.	Fish oil, galls.	Whale oil, galls.	Number.
1	Beum Secum	160	..	..	20	..	..	..	26	..	1	..	6	..	..	300	..	1
2	Marie Joseph	138	..	..	30	..	..	..	41	..	..	20	..	..	..	400	..	2
3	Liscomb and Spanish Ship Bay	680	..	..	50	..	..	..	46	..	..	..	..	..	..	400	..	3
4	Gegoggin	160	..	..	10	..	..	..	4	..	1	..	..	..	..	150	..	4
5	St. Mary's Bay and River	114	..	..	10	..	..	..	19	..	3	..	..	..	..	90	300	5
6	Wine Harbour	260	..	..	..	..	..	..	6	..	..	..	18	..	5	40	..	6
7	Port Hilford	270	..	..	..	..	..	..	2	..	1	..	..	..	..	20	..	7
8	Holland's Harbour and Indian River	105	..	..	10	..	..	..	142	35	1	25	8	..	..	350	..	8
9	Port Beckerton	700	..	..	120	..	124	..	25	..	..	..	31	..	..	80	..	9
10	Fisherman's Harbour	460	..	..	30	..	..	..	..	..	2	..	..	..	..	..	..	10
11	Country Harbour	60	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11
12	Isaac's Harbour	139	..	..	300	150	..	..	46	..	2	..	94	..	..	192	..	12
13	Drum Head	402	..	..	200	200	..	..	107	..	2	..	325	..	..	275	..	13
14	Seal Harbour	102	..	..	50	26	..	..	35	..	1	..	207	..	..	115	..	14
15	Coddle's Harbour	80	..	..	40	..	6	..	52	70	..	30	44	..	..	123	..	15
16	New Harbour	728	..	..	150	..	98	..	134	..	..	..	28	..	..	576	..	16
17	Tor Bay	90	..	..	10	..	30	..	..	..	..	..	..	..	..	267	..	17
18	Larry's River	750	..	..	20	..	233	..	50	..	1	..	..	..	..	623	..	18
19	Charlo's Cove	653	..	..	17	4	..	..	46	..	..	5	7	..	..	872	..	19
20	Cole Harbour	286	..	..	50	33	..	..	2	..	2	10	..	..	..	57	..	20
21	Port Felix	696	..	..	50	700	..	..	12	..	..	..	310	..	..	823	..	21
22	Whitehead	321	..	..	50	1000	..	..	70	..	3	..	425	..	..	772	..	22
23	Raspberry and Dover	35	..	..	15	50	..	..	8	..	..	..	300	..	..	25	..	23
24	Causo and Causo Little	168	..	..	1000	3000	..	3	826	5	..	..	706	450	..	1636	..	24
25	Fox Island Main	31	..	..	35	216	..	..	2	..	..	..	200	..	..	72	..	25
26	Half Island Cove	83	..	..	300	404	..	..	..	..	..	..	170	..	..	327	..	26
27	Philip's Harbour	67	..	..	100	228	..	..	..	..	1	..	..	..	..	175	..	27
28	Queensport	50	..	..	350	600	..	..	30	..	..	..	100	..	..	637	..	28
29	Peas Brook	60	..	..	90	76	..	..	..	..	..	..	495	..	..	29	..	29
30	Halfway Cove	283	..	..	150	275	..	35	..	..	..	..	100	..	..	320	..	30

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Halifax, Province of Nova Scotia, during the year 1912-13.

Fishing Districts.	Salmon, cwt.s.	Salmon, value.	Lobsters, cwt.s.	Lobsters, value.	Cod, cwt.s.	Cod, value.	Haddock, cwt.s.	Haddock, value.	Hake and Cusk, cwt.s.	Hake and Cusk, value.	Pollock, cwt.s.	Herring, cwt.s.	Herring, value.	Mackerel, cwt.s.	Mackerel, value.	Shad, cwt.s.	Shad, value.	Alwives, cwt.s.	Alwives, value.	Number.
<i>Halifax County.</i>																				
1 North Shore	10	100	500	3000	1620	2430	65	98	100	100	225	415	622	300	1800	...	...	50	75	1
2 East St. Margaret's	50	500	1200	7200	2000	3000	2000	3000	700	700	250	1260	1890	300	1800	...	...	2	3	2
3 Indian Harbour	65	650	1500	9000	4000	6000	3460	5190	2000	2000	240	1520	2280	500	3000	...	...	...	...	3
4 Peggy's Cove	50	500	500	3000	300	450	600	900	80	80	80	80	213	212	1272	...	...	...	...	4
5 Dover	278	2780	2270	13620	4000	6000	3000	4500	1000	1000	240	2052	3078	1500	9000	...	...	200	300	5
6 Prospect	275	2750	1000	6000	1014	1521	1200	1800	660	660	200	1750	2625	1000	6000	...	...	...	...	6
7 Terrence Bay	15	150	774	4644	4062	6033	4000	6000	1225	1225	200	200	2148	700	4200	...	...	...	...	7
8 Pennant	30	300	500	3000	2000	3000	2518	3777	300	300	90	826	1239	100	600	...	...	...	...	8
9 Sambro	29	290	500	3000	2000	3000	2000	3000	300	300	90	1270	1905	110	660	...	...	300	450	9
10 Ketch Harbour	25	250	50	300	4000	6000	1800	2700	1800	1800	140	80	950	90	540	...	...	...	...	10
11 Portuguese Cove	120	1200	300	1800	150	225	600	900	80	80	80	80	1425	120	720	...	...	...	...	11
12 Herring Cove	28	280	300	1800	3000	4500	2000	3000	1900	1900	100	870	1305	120	720	...	...	...	...	12
13 Ferguson's Cove	5	50	5	30	25	37	5	8	...	...	5	5	8	5	30	...	...	...	...	13
14 Bedford & Grand Lake	15	150	5	42	25	38	5	7	...	...	5	5	157	5	30	...	...	...	...	14
15 Halifax .....	...	...	5	30	1135	1702	60	90	50	50	60	20	30	3	18	...	...	...	...	15
16 Dartmouth, Eastern Passage & Devil's Island	2	24	33	165	2262	3393	688	1032	30	30	201	85	85	65	390	...	...	12	12	16
17 Cow Bay & Lawrencetown	48	576	...	...	59	88	26	39	...	...	9	160	160	8	48	...	...	20	20	17
18 Seaforth & Three Fathom Harbour	2	24	...	...	58	87	16	24	...	...	24	316	316	4	24	...	...	26	26	18
19 West Chezetcook .....	...	...	...	...	6096	9144	246	369	...	...	54	4884	4884	5	30	...	...	90	90	19
20 East Chezetcook .....	...	...	...	...	146	219	20	30	...	...	36	36	353	...	...	...	...	6	6	20
21 Petreswick Harbour .....	...	...	...	...	849	1273	132	198	...	...	246	412	412	5	30	...	...	...	...	21
22 Musquodoboit Harbour	64	768	...	...	1766	2649	257	385	18	18	435	1396	1396	17	102	...	...	...	...	22
23 Jeddore	3	36	1686	8430	5935	8903	245	368	204	204	645	3344	3344	17	102	...	...	...	...	23
24 Clam Harbour & Owls Head	8	96	4294	21470	2340	3510	160	240	125	126	115	2224	2224	13	78	...	...	...	...	24
25 West Ship Harbour .....	...	...	...	...	569	854	150	225	...	...	45	647	647	...	...	...	...	...	...	25
26 Pleasant Harbour .....	...	...	...	...	606	757	36	36	75	75	45	1498	1498	15	30	...	...	...	...	26
27 Pleasant Harbour and Tangier	5	50	...	...	2175	2719	312	312	15	15	133	183	3502	12	24	...	...	...	...	27
28 Pope's Harbour and Gerrard's Island .....	...	...	558	2232	978	1222	135	135	27	27	162	3350	3350	24	48	...	...	...	...	28

SESSIONAL PAPER No. 22

	3	30	1420	5680	2838	3547	135	135	432	432	225	225	9852	9852	252	504	133	906	1282
29 Spry Bay, Taylor Head & Musha-boom.....	32	320	1880	7520	1131	1414	240	240	282	282	81	81	2376	2376	3	6	19	133	906
30 Sheet Harbour and Sober Island.....	10	100	1880	7520	417	521	24	24	12	12	18	18	488	488	9	18	19	133	906
31 Beaver Harbour and Port Dufferin..	10	100	1927	7708	585	732	3	3	30	30	3	3	324	324	9	18	19	133	906
32 Quoddy and Harrigan Cove.....	5	50	1529	6116	120	150	36	36	6	6	9	9	968	968	9	18	19	133	906
33 Moser River and Smith's Cove.....	.....	.....	.....	.....	603	754	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
34 Mitchell's Bay and Ecum-Secum.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	1187	12124	22738	115787	58864	8593	26174	38801	11632	11632	4576	4576	49900	57005	5494	31704	133	906	1282

Cwt. = 100 lbs.

4 GEORGE V., A. 1914

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Halifax, Province of Nova Scotia, during the year 1912-13—Continued.

Fishing Districts.		Halibut, cwt.	Halibut, value.	Flounders, cwt.	Flounders, value.	Smelts, cwt.	Smelts, value.	Trout, cwt.	Trout, value.	Albacore, cwt.	Albacore, value.	Eels, cwt.	Eels, value.	Tom-Cod, cwt.	Tom-Cod, value.	Sword-Fish, cwt.	Sword-Fish, value.	Squid, brls.	Squid, value.	Oysters, brls.	Oysters, value.	Clams, brls.	Clams, value.	Hair Seal Skins, Number.	Hair Seal Skins, value.	Number.	
Halifax County.																											
1	North Shore.	600	4200	100	100			30	180	200	250	50	200	16	16	100	500	50	100			40	60			1	
2	East St. Margaret's.	1629	11403	100	100			20	120	120	150	50	200			100	500	100	200			30	45			2	
3	Indian Harbour.	1200	8400	50	50			20	120	100	125	20	80			100	500	25	50			25	37			3	
4	Peggy's Cove.	20	140	70	70			5	30	50	62	20	80			90	450	20	40			20	30			4	
5	Dover.	1300	9100	100	100			10	60	100	125	80	320			100	500	50	100			75	113			5	
6	Prospect.	900	6300	100	100			9	54	100	125	30	120			100	500	25	50			65	97			6	
7	Terrence Bay.	1000	7000	107	107			10	60	100	125	60	240			100	500	20	40			25	38			7	
8	Pennant.	700	4900	50	50			9	54	50	62	10	40			60	300	25	50			5	8			8	
9	Sambro.	600	4200	50	50			8	48	50	63	10	40			50	250	20	40			10	15			9	
10	Ketch Harbour.	1000	7000	50	50			2	12	50	60	10	40			72	360	20	40							10	
11	Portuguese Cove.	700	4900	50	50			11	66	50	63	10	40			50	250	25	50							11	
12	Herring Cove.	1000	7000	50	50			2	12	50	62	5	20			150	750	20	40							12	
13	Ferguson's Cove.							30	180			10	40													13	
14	Bedford & Grand Lake.							10	60																	14	
15	Halifax.	300	2100																							15	
16	Dartmouth, Eastern Passage and Devil's Island.	161	805	266	266			3	18			9	27			325	1625					50	50			16	
17	Cow Bay & Lawrencetown.	1	5	30	30			3	18			6	18									50	50			17	
18	Seaforth & Three Fathom Harbour.	4	20	22	22			3	18			12	36									190	190			18	
19	West Chezetook.	16	80	33	33			3	18			12	36			3	15					1600	1600			19	
20	East Chezetook.	2	10	18	18			5	30			10	30			2	10					1050	1050			20	
21	Petpeswick Harbour.	9	45	20	20			8	48			15	45			16	80					550	550			21	
22	Musquodoboit Harbour.	50	250	20	20			8	48			15	45			9	45				5	25	400	400			22
23	Jeddore.	72	360	27	27			4	24			6	18			14	70					1550	1550			23	
24	Clam Harbour & Owl's Head.	76	380	36	36			4	24			11	33									25	25			24	
25	West Ship Harbour.	42	210	20	20			5	25			16	32									2	2			25	
26	East Ship Harbour.	40	160					4	20													5	5			26	
27	Pleasant Harbour and Tangier.	105	420					7	42													10	10			27	
28	Pope's Harbour & Gerrard's Island.	38	152					4	20			16	32									2	2			28	

SESSIONAL PAPER No. 22

[illegible]

4 GEORGE V., A. 1914

THE CATCH

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in
Nova Scotia, during

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwt.s.	Salmon, smoked, cwt.s.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwt.s.	Cod, fresh, cwt.s.
	<i>Halifax County.</i>					
1	North Shore	8	1			
2	East St. Margarets	42	4			700
3	Indian Harbour	65				
4	Peggy's Cove	50				
5	Dover	270	4			
6	Prospect	271	2			300
7	Terrence Bay	13	1	90	13	
8	Pennant	30				1000
9	Sambro	29		494	843	1000
10	Ketch Harbour	25				2000
11	Portuguese Cove	120				75
12	Herring Cove	28				1500
13	Ferguson's Cove	5				25
14	Bedford and Grand Lake	15				25
15	Halifax				7095	1135
16	Dartmouth, Eastern Passage and Devil's Island	2			33	600
17	Cow Bay and Lawrencetown	48				5
18	Seaforth and Three Fathom Harbour	2				4
19	West Chezetcook					12
20	East Chezetcook					2
21	Petpeswick Harbour					30
22	Musquodoboit Harbour	52	6			17
23	Jeddore	3		498	441	15
24	Clam Harbour and Owl's Head	4	2	1244	1184	10
25	West Ship Harbour					9
26	East Ship Harbour					
27	Pleasant Harbour and Tangier	5				
28	Pope's Harbour and Gerrard's Island			197	66	
29	Spry Bay, Taylor's Head and Mushaboom	3		460	270	
30	Sheet Harbour and Sober Island	10	13			
31	Beaver Harbour and Port Dufferin	5	3	587	412	
32	Quoddy and Harrigan Cove	5	3	636	337	
33	Moser River and Smith's Cove	3	1			
34	Mitchell's Bay and Ecum Secum			504	269	
	Totals	1113	40	4710	10963	8464
	Rates \$	15	20	18	10	2.50
	Values \$	16695	800	84780	109630	21160

SESSIONAL PAPER No. 22.

MARKETED.

a fresh, dried, pickled, canned, &c., state, for the County of **Halifax**, Province of the Year 1912-13.

Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, smoked, cwts.	Haddock, dried, cwts.	Hake and Cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Herring, pickled, brls.	Number.
540			22	34		75	150		35	1
434	1400	300		234		83	50		250	2
1334	1600	30	600	667		80	50		300	3
100	300		100	26		27		25	8	4
1336	1300	100	500	333		80	50	50	334	5
238	400	100	200	220		68	1000		70	6
1354	1800	100	667	408		67	500	100	260	7
334	2413	50		130		42	250		82	8
333	1900	50		130		30	250		82	9
665	1600	100		600		47	500	100	70	10
25	560	20		27		27	500	50	36	11
500	900	50	334	633		33	200	50	100	12
	5				5		5			13
	5				5		7		50	14
	60			17	60			10		15
554	400		96	10		67	22		15	16
18	2		8			3			50	17
18	1		5			8	2		100	18
2028	6		80			18	2		1400	19
48	2		6			12	2		111	20
273	12		40			82	4		124	21
583	8		83	6		145	6		430	22
1973	5		80	68		215	8		1080	23
776	8		50	42		38	6		718	24
186	8		47			15	6		203	25
202			12	25		15			492	26
725			104	5		61			1154	27
326			45	9		54			1100	28
946			45	144		75			3260	29
377			80	94		27			774	30
139			8	4		6			160	31
195			1	10		1			100	32
40									10	33
201			12	2		3			314	34
16801	14700	900	3225	3878	70	1504	3576	385	13266	
6	3	6	5	4	1.50	4.50	1	3	4.50	
100806	44100	5400	16125	15512	105	6768	3576	1155	59697	

4 GEORGE V., A. 1914

THE CATCH

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in
Nova Scotia, during

Number.	Fishing Districts.	Herring, used as bait, brls.	Mackerel, fresh, cwts.	Mackerel, salted, brls.	Shad, fresh, cwts.	Alewives, fresh, cwts.	Alewives, salted, brls.	Halibut, fresh, cwts.	Flounders, fresh, cwts.	Smelts, fresh, cwts.
<i>Halifax County.</i>										
1	North Shore	80	300			50		600	100	
2	East St. Margarets	230	300			2		1629	100	
3	Indian Harbour	235	500					1200	50	
4	Peggy's Cove	34	212			200		20	70	
5	Dover	450	1500					1300	100	
6	Prospect	279	1000					900	100	
7	Terrence Bay	334	700					1000	107	
8	Pennant	165	100					700	50	
9	Sambro	165	100					600	50	
10	Ketch Harbour	180	110			300		1000	50	
11	Portuguese Cove	130	90					700	50	
12	Herring Cove	135	120					1000	50	
13	Ferguson's Cove		5							
14	Bedford and Grand Lake		5		7	200				
15	Halifax		3					300		23
16	Dartmouth, Eastern Passage and Devil's Island	9	26	13		12		161	266	
17	Cow Bay and Laurencetown	6	2	2		20		1	30	6
18	Seaforth and Three Fathom Habr.	7	1	1		26		4	22	50
19	West Chezetcook	88	2	1			30	16	33	70
20	East Chezetcook	9					2	2	18	8
21	Petpeswick Harbour	18	2	1				9	20	2
22	Musquodoboit Harbour	50	2	5				50	20	230
23	Jeddore	48	2	5				72	27	4
24	Clam Harbour and Owl's Head	32	1	4		6		76	36	4
25	West Ship Harbour	16						42	20	5
26	East Ship Harbour	11		4				40		
27	Pleasant Harbour and Tangier	20		5				105		
28	Pope's Harbour and Gerrard's Isld	15		8				38		
29	Spry Bay, Taylor's Head and Mus- haboon	36		84				138		
30	Sheet Harbour and Sober Island	27		1				101		10
31	Beaver Harbour and Port Dufferin	4						14		
32	Quoddy and Harrigan Cove	12		3				28		
33	Moser River and Smith's Cove									
34	Mitchell's Bay and Ecum Secum	13						35		3
	Totals	2885	5083	137	7	816	32	11881	1369	415
	Rates	\$ 1.75	8	15	10	2.50	4	10	2.50	7
	Values	\$ 504	40664	2055	70	2040	128	118810	3423	2905

Total value

SESSIONAL PAPER No. 22

MARKETED

a fresh, dried, pickled, canned, &c., state, for the County of **Halifax**, Province of the Year 1912-13.

Trout, fresh, cwts.	Albacore, fresh, cwts.	Eels, fresh, cwts.	Tommy Cod, fresh, cwts.	Sword Fish, fresh, cwts.	Squid, used as bait, brls.	Oysters, fresh,	Clams and Quahangs, fresh, cwts.	Clams and Quahangs, canned, cwts.	Tongues and Sounds, pickled and dried.	Hear seal skins, No.	Fish oil, gals.	Number.
30	200	50	16	100	50		40		4		100	1
20	120	50		100	100		30		10		2000	2
20	100	20		100	25		25		10		4000	3
5	50	20		90	20		20		4		300	4
10	100	80		100	50		75		12		4000	5
9	100	30		100	25		65		7		700	6
10	100	60		100	20		25		12		4000	7
9	50	10		60	25		5		4		2000	8
8	50	10		50	20		10		5		1990	9
2	50	10		72	20				9		4000	10
11	50	10		50	25				6		100	11
2	50	2		150	20				8		3000	12
		5										13
30		10										14
10											1000	15
		9		325			50				480	16
3		6					50				6	17
3		12					190				9	18
3		12		3			1600				690	19
5		30		2			1050				18	20
3		10					550				147	21
8		15		16		5	500				280	22
4		20		9			400				788	23
4		6		14			1400	150			227	24
7	4	11					25				68	25
2							2				175	26
4		16		5			5				640	27
				3			2				300	28
8		12		3			7				800	29
10		20					6				287	30
5		20					3			17	116	31
8							2			42	215	32
7											10	33
6							3				90	34
266	1024	566	16	1452	400	5	6140	150	91	59	32536	
10	4	5	2	7	4	6	2	4.50	10	1.25	40c	
2660	4096	2830	32	10164	1600	30	12280	675	910	74	13014	

.....\$709,818

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State, in the County of **Hants**, Province of **Nova Scotia**, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, *cwt.s.	Salmon, value.	Cod, cwt.s.	Cod, value.	Herring, cwt.s.	Herring, value.	Shad, cwt.s.	Shad, value.	Alewives, cwt.s.	Alewives, value.	Trout, cwt.s.	Trout, value.	Bass, cwt.s.	Bass, value.	Mixed Fish, cwt.s.	Mixed Fish, value.	Clams, cwt.s.	Clams, value.	Number.
	<i>Hants County.</i>		\$		\$		\$		\$		\$		\$		\$		\$		\$	
1	Hantsport to Windsor	18	180	48	144	15	15	30	150	200	200	30	240	11	55	3	6	5	5	1
2	Windsor to Noel	14	140	48	144	15	15	22	110	153	153	14	112	10	50	3	12	12	12	2
3	Maitland to Shubenacadie	20	200	...	...	...	...	...	...	300	300	4	32	1	5	...	...	...	...	3
4	Shubenacadie to Grand Lake	5	50	...	...	...	...	12	60	200	200	3	24	10	50	...	...	...	...	4
	Totals	57	570	48	144	15	15	64	320	853	853	51	408	11	55	3	6	17	17	

Cwts. =100 lbs.

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the County of **Hants**, Province of **Nova Scotia**, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwt.s.	Cod, fresh, cwt.s.	Herring, fresh, cwt.s.	Shad, fresh, cwt.s.	Alewives, fresh, cwt.s.	Alewives salted, brls.	Trout, fresh, cwt.s.	Bass, fresh, cwt.s.	Mixed Fish, fresh, cwt.s.	Clams & Quahaugs, fresh, brls.	Number.
	<i>Hants County.</i>											
1	Hantsport to Windsor	18	...	...	30	200	...	30	...	...	5	1
2	Windsor to Noel	14	48	15	22	153	...	14	...	3	12	2
3	Maitland to Shubenacadie	20	...	...	...	300	...	4	1	...	...	3
4	Shubenacadie to Grand Lake	5	...	...	12	200	...	3	10	...	...	4
	Totals ..	57	48	15	64	853	...	51	11	3	17	
	Rates	\$ 15	2 50	-1	10	2.50	...	10	10	2	2	
	Values ...	\$ 855	120	15	640	2133	...	510	110	6	34	

Total value \$4,423

*Cwt. =100 lbs.

SESSIONAL PAPER No. 22

RECAPITULATION

OF the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc, state, for **District No. 2**, Province of **Nova Scotia**, during the Year 1912-13.

Kinds of Fish.	Caught and Landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon..... cwt.	4,020	40,454			
" used fresh and frozen..... "			3,946	59,190	
" smoked..... "			40	800	
					59,990
Lobsters..... cases.	101,075	511,240			
" canned..... "			34,374	618,702	
" shipped in shell..... cwt.			15,141	151,410	
					770,112
Cod..... "	137,314	196,219			
" used fresh..... "			21,924	54,810	
" shipped green-salted..... "			10,576	37,016	
" dried..... "			31,410	188,460	
					280,286
Haddock..... "	162,172	209,182			
" used fresh..... "			111,820	335,460	
" smoked..... "				20,172	
" dried..... "			14,544	72,720	
					428,352
Hake and Cusk..... "	24,821	20,771			
" " used fresh..... "			2	3	
" " dried..... "			8,271	33,094	
					33,087
Pollock..... "	32,855	23,390			
" used fresh..... "			450	675	
" dried..... "			10,804	48,615	
					49,290
Herring..... "	110,156	109,754			
" used fresh..... "			5,571	5,571	
" smoked..... "			5,072	15,216	
" pickled..... brls.			23,313	104,908	
" used as bait..... "			11,190	19,584	
" used as fertilizer..... "			1,040	520	
					145,799
Mackerel..... cwt.	19,441	75,420			
" used fresh..... "			14,533	116,264	
" salted..... brls.			1,647	24,705	
					140,969
Shad..... cwt.	343	1,753			
" used fresh..... "			249	2,490	
" salted..... brls.			27	405	
					2,895
Alewives..... cwt.	3,167	3,554			
" used fresh..... "			2,223	5,557	
" salted..... brls.			317	1,268	
					6,825
Halibut..... cwt.	13,692	90,996	13,692		136,920
Flounders..... "	1,453	1,616	1,453		3,632
Smelts..... "	3,171	15,904	3,171		22,197
Trout..... "	400	2,828	400		4,000
Albacore..... "	1,024	1,286	1,024		4,096
Bass..... "	138	690	138		1,380
Eels..... "	809	2,791	809		4,045
Tom Cod..... "	35	54	35		70
Swordfish..... "	4,331	21,455	4,331		30,317
Mixed Fish..... "	373	266	373		746

4 GEORGE V., A. 1914

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for **District No. 2**, Province of **Nova Scotia**, during the Year 1912-13.

Kinds of Fish.	Caught and Landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Squid..... brls.	1,793	6,216	1,793		7,172
Oysters..... "	1,998	9,242	1,998		11,988
Clams and Quahaugs..... "	6,399	6,582			
" " used fresh..... "			6,249	12,498	
" " canned..... cases.			150	675	13,173
Tongues and Sounds..... cwts.			91		910
Hair Seal Skins..... No.			59		74
Fish Oil..... gals.			44,341		17,736
Whale Oil..... "			300		120
Totals.....		1,351,663			2,176,181

SESSIONAL PAPER No. 22

RECAPITULATION

OF the Number of Fishermen, etc., and of the Number and Value of all Fishing Vessels, Boats, Nets, etc., in **District No. 2**, Province of **Nova Scotia**, for the Year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage, 2,649).....	145	122,755
Boats (sail).....	4,349	147,872
" (gasoline).....	767	165,170
Tugs, Smacks, etc.....	63	61,185
Gill Nets.....	33,817	268,808
Seines.....	416	129,940
Trap and Smelt Nets.....	340	30,616
Weirs ..	12	410
Trawls.....	3,753	52,185
Hand Lines.....	9,224	6,614
Lobster Traps.....	342,812	278,132
" Canneries.....	87	117,150
Freezers and Ice-houses.....	100	176,475
Smoke and Fish-houses.....	1,695	223,468
Piers and Wharves.....	811	213,109
Total value.....		1,993,889
Number of men employed on Vessels and Tugs.....	872	
" " Boats.....	4,608	
" persons employed in Fish-houses, Freezers, Canneries, &c....	2,033	
Total.....	7,513	

DIVISION No. 3

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry, in the County of Lunenburg, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.										Fishing Gear.			
		Vessels.			Boats.				Tugs, Smacks, &c.		Gill Nets.	Seines.		Trap Nets.	
		No.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.		No.	Value.	No.	Value.
				\$			\$		\$		\$		\$		\$
1	Fox Point.....	2	22	1200	7	100	2300	2	500	50	125	20	500	10	2000
2	Mill Cove.....					125	3000			60	150	15	600	10	2000
3	Lodge and N.W. Cove.....					60	1300			35	100	20	400	10	2000
4	Aspotogan.....	18	215	10000	45	35	1000	6	2000	20	60	12	240	8	1600
5	Bayswater, Blandford and Deep Cove.....	2	1000	40000	200	170	5000	5	1500	65	225	30	1000	10	2000
6	Chester.....	12	1000	40000	200	110	2500			45	75	15	300	5	1000
7	Malbone Bay and Martin river.....	16	168	8000	49	270	20000	28	8500	25	60	125	240		
8	Tancocks.....	60	5515	661800	1451	81	2268	25	11750	150	400	1600	6250	25	5000
9	Lunenburg Harbour to Kingsburg.....	66	5925	711000	939	115	3220	1	500	126	810		5480	18	5400
10	LaHave River and Islands.....	1	61	7320	16	68	1904	2	1000	143	1150		9200	6	1800
11	Petite-Rivière to Vogler's Cove.....									87	680		6440		
	Totals.....	177	12928	1440320	2713	1214	44192	69	25750	806	3835	237	26000	102	22800

SESSIONAL PAPER No. 22

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry, in the County of Lunenburg, Province of Nova Scotia, during the Year 1912-13.

Fishing Districts.	Fishing Gear.						Canneries.		Other Material.				Persons employed in Canneries, Freezers, and Fish-houses.	Number.	
	Trawls.		Hand Lines.		Lobster Traps.		Lobster Canneries.		Freezers and Ice-hous.		Smoke and Fish-houses.				Piers and wharves.
	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	
Lunenburg County.															
1 Fox-Point.....	50	750	100	50	1200	600	.....	.....	1	200	10	400	5	500	1
2 Mill Cove.....	60	1000	100	50	1000	500	.....	.....	.....	.....	10	400	5	500	3
3 Lodge and N. W. Cove.....	30	450	75	35	1510	750	.....	.....	.....	.....	20	800	15	600	3
4 Aspotogan.....	5	75	40	20	2000	1000	1	600	.....	.....	6	300	7	350	20
5 Bayswater, Blandford and Deep Cove.....	50	1200	300	150	4000	2000	.....	.....	.....	.....	30	1500	25	1200	5
6 Chester.....	25	100	25	12	1500	750	1	600	1	200	10	400	8	800	20
7 Mahone Bay and Martin's river.....	80	3200	25	12	.....	.....	.....	.....	.....	.....	30	5500	25	6000	5
8 Tancooks.....	175	3000	600	300	3000	1500	.....	.....	.....	.....	60	2500	50	2000	6
9 Lunenburg Harbour and Kingsburg.....	376	10152	436	436	5310	5310	1	300	.....	.....	199	29850	12	175000	75
10 LaHave River and Islands.....	396	10692	.....	.....	5550	5550	2	600	.....	.....	190	28500	6	52000	7
11 Petite-Rivière to Vogler's Cove.....	16	432	.....	.....	3740	3740	.....	.....	.....	.....	42	6300	.....	.....	8
Totals.....	50	2001240	31031	1701	1065	22700	6	2700	2	400	607	70450	158	238950	11
															155

Number.

Lunenburg County.

1 Fox-Point..... 1
 2 Mill Cove..... 2
 3 Lodge and N. W. Cove..... 3
 4 Aspotogan..... 4
 5 Bayswater, Blandford and Deep Cove..... 5
 6 Chester..... 6
 7 Mahone Bay and Martin's river..... 7
 8 Tancocks..... 8
 9 Lunenburg Harbour and Kingsburg..... 9
 10 LaHave River and Islands..... 10
 11 Petite-Rivière to Vogler's Cove..... 11

4 GEORGE V., A. 1914

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Industry in the County of **Queens**, Province of

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.										Fishing					
		Vessels.				Boats.				Tugs, Smacks, etc.		Gill Nets,		Seines.			
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gazoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
County of Queens.																	
1	Port Medway.	6	72	2500	21	25	2000	9	1350	200	1	2000	3	300	1800	2	60
2	Mill Village.....	..	..	..	..	20	200	..	..	40	..	..	..	60	300	..	..
3	Greenfield.....	..	..	..	..	14	260	..	..	28	..	..	..	..	..	..	..
4	Liverpool, Western Head and Brooklyn.....	3	36	2000	10	10	500	50	7500	75	1	1500	3	..	..	30	15000
5	Gull Islands, White and Hunt's Points and Summerville.....	1	15	500	3	8	400	20	3000	45	..	..	..	..	..	..	..
6	Port Mouton and vicinity.....	2	36	1000	6	6	300	22	3300	64	4	8000	12	..	..	6	3000
7	Port Joli and Port L'Hebert and Sandy Bay	1	13	1000	4	..	..	20	3000	28	1	500	2	..	..	1	500
8	East and West Berlin, Beach Mea- dows and Eastern Head	3	56	3000	12	20	1000	10	1500	65	..	..	..	..	..	2	1000
Totals.....		16	228	10000	56	103	2660	131	19650	545	7	12000	20	360	2100	41	19560

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the County of Shelburne, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, Etc.										Fishing Gear.						
		Vessels.			Boats.				Tugs, Smacks, Etc.			Gill nets.		Seines.				
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.		
<i>Shelburne County.</i>																		
1	Woods Harbour.	4	261	5550	23	10	1000	69	15425	174	12	2375	15	306	1224	2	450	1
2	Shag Harbour and Bear Point.	2	21	300	6	15	250	25	5800	65	5	600	3	195	1365	...	2	2
3	Cape Island.	12	151	4600	54	68	7750	241	57900	578	4	400	15	1878	11895	1	200	3
4	Barrington.	7	73	975	23	16	348	27	6030	70	...	...	...	77	539	...	...	4
5	Port La Tour and Baccaro.	11	130	2585	43	88	1184	43	7260	160	3	525	6	390	1950	...	...	5
6	Cape Negro and Blanche.	...	...	...	...	23	555	24	3775	66	...	...	...	327	1600	...	...	6
7	Port Saxon, Riv. Clyde, N. E. and N. W. Harb.	2	27	1500	6	7	180	5	900	24	...	...	...	163	815	...	...	7
8	Black Point, Red Head and Round Bay.	2	20	800	4	100	2400	12	2400	224	...	...	...	225	1125	...	...	8
9	Roseway, Carleton Village and McNutt Id.	1	11	500	3	62	800	25	2200	175	...	...	...	170	740	...	...	9
10	Gunning Cove, Churchover and Birchtown.	1	10	400	2	24	120	...	...	48	...	...	...	80	400	...	...	10
11	Shelburne and Sandy Point.	12	266	8818	68	112	2200	28	4100	272	...	...	...	510	2540	...	...	11
12	Jordan, East and West.	1	10	400	4	56	410	31	6050	172	1	300	2	301	1500	...	...	12
13	Lockeport.	17	431	21130	114	146	1285	78	11980	446	4	10300	14	483	2381	...	...	13
Totals.		72	1351	47558	350	727	18502	608	123820	2474	27	14500	55	5105	28074	3	650	

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the County of Shelburne, Province of Nova Scotia, during the Year 1912-13.—*Con.*

Number.	Fishing Gear.				Lobster Canneries.				Other Material.				Persons Employed in Canneries, and Fish-houses.						
	Trap Nets.		Snelt Traps.		Trawls.		Hand Lines.		Lobster Traps.		Canneries.			Freezers and Ice-houses.		Smoke and Fish-houses.		Piers and Wharves.	
	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		Number.	Value.	Number.	Value.	Number.	Value.
Shelburne County.																			
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
Totals	8	7400	34	1451201	24223704	2819105055	95158	13	152000	11	156550	482	37239	275	33630		401		

4 GEORGE V., A. 1914

RETURN showing the Number and Value of Vessels and Boats, and the Quantity and
Yarmouth, Province of Nova Scotia,

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, etc.											Fishing				
		Vessels.				Boats.				Tugs, Smacks, etc.			Gill Nets.		Seines.		
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
Yarmouth County.			\$			\$		\$		\$		\$		\$		\$	
1	Port Maitland.....	3	40	900	15	9	180	48	14400	105	1	350	3	190	950		
2	Sandford.....	1	13	300	4	16	192	30	9000	74	1		3	184	920		
3	Yarmouth.....	12	557	22800	135	9	1790	57	17100	135	6	22000	26	400	2000	5	200
4	Arcadia.....	1	17	350	5	5	310	27	8100	62				115	575		
5	Pinkney's Point.....							29	8700	58				170	850		
6	Comeau Hill.....	2	20	600	6	27	490	57	17100	147	6	2500	7	255	1275		
7	Wedgeport.....	5	83	1800	25	17	204	107	32100	234	4	20000	28	425	2125		
8	Salmon River.....					20	120			25				48	240	2	80
9	Tusket.....	1	11	250	2	110	825			110				350	1750	3	120
10	Eel Brook.....					12	144	3	900	20				42	210	1	40
11	Argyle.....	4	54	1200	13	8	360	35	10500	87				150	750		
12	Pubnicoes.....	17	579	25200	170	15	180	67	20100	149	4	800	8	400	2000		
	Totals.....	46	1374	53400	375	248	4705	460	138000	1206	21	45650	72	2729	13645	11	440

SESSIONAL PAPER No. 22

Value of all Fishing Gear, etc., used in the Fishing Industry in the County of during the year 1912-13.

Gear.										Can- neries.	Other Material.						Persons employed in canneries, Freezers and Fish-Houses.	Number.					
Trap Nets.		Weirs.		Smelt Nets.		Trawls.		Hand Lines.		Lobs- ter Traps.		Lobster Can- neries.		Freezers and Ice- Houses.		Smoke and Fish- Houses.			Piers and Wharves				
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.				
	\$		\$		\$		\$		\$		\$		\$		\$		\$		\$				
1	2500					60	300	85	85	8200	8200	3	1800	1	200	9	1200	1	1200	65	1		
3	7500					50	250	75	75	6200	6200	1	900	1	150	4	1000	1	100	50	2		
1	2500					153	790	750	750	12500	12500	3	3200	3	4000	20	20000	15	204000	300	3		
						6	36	12	60	25	25	6400	6400	2	1200			2	1200	35	4		
								25	125	45	45	3600	3600			3	150	2	400	5	5		
1	2000	1	600			28	140	250	250	10500	10500	2	2500			4	2000	3	2400	70	6		
		6	2000					100	500	500	500	15500	15500	3	3600	1	400	25	2000	7	7700	100	7
			1 300																			8	
			5 1500			45	270									21	1900	2	1000	36	9		
						50	300				350	350						2	600		10		
						7	42	20	100	155	155	4300	4300	1	100		6	230	2	1200	5	11	
						10	60	45	225	375	375	12800	12800	5	4000	3	1400	33	4300	6	6000	135	12
6	14500	13	4400	121	726	498	2490	2260	2260	80350	80350	20	17300	9	6150	125	32780	43	225800	801			

4 GEORGE V., A. 1914

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Industry in the County of Digby, Province

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.										Fishing			
		Vessels.				Boats.				Tugs, Smacks, &c.		Gill nets.		Seine.	
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.
	<i>County of Digby.</i>			\$			\$		\$						\$
1	Digby and vicinity.....	6	445	35000	110	10	200	10	3900	40	.....	6	120	6	300
2	Bay View and Culloden.....	.....	.....	.....	.....	12	600	17	3400	58	.....	58	580	.....	.....
3	Gulliver Cove to Waterford.....	.....	.....	.....	.....	23	1150	14	2800	74	.....	74	740	2	100
4	Centreville.....	1	25	1000	2	10	500	22	4500	64	1 4500 4	64	640	.....	.....
5	Sandy Cove and Mink Cove.....	2	31	600	4	200	1000	11	2000	62	.....	62	620	2	1000
6	Little River and Whale Cove.....	2	52	2000	14	25	1250	19	5000	88	.....	88	880	.....	.....
7	Tiddville and East Ferry.....	.....	.....	.....	.....	17	650	15	3500	64	.....	68	680	.....	.....
8	Tiverton and Central Grove.....	6	200	6000	45	115	2300	58	19700	335	.....	208	2080	1	500
9	Freeport.....	9	318	19500	98	50	1000	50	10000	150	.....	200	2000	.....	.....
10	Westport.....	7	152	4300	45	50	1000	49	14700	148	.....	250	2500	1	500
11	Smith's Cove and Brighton.....	.....	.....	.....	.....	33	650	8	1500	37	.....	8	80	2	100
12	Plympton to Weymouth.....	.....	.....	.....	.....	26	530	12	2500	50	.....	104	1040	.....	.....
13	New Edinburgh.....	.....	.....	.....	.....	5	70	20	5000	50	.....	10	50	.....	.....
14	Belle View and White Cove.....	.....	.....	.....	.....	14	280	17	4250	62	.....	.....	.....	.....	.....
15	Grosse Coques.....	.....	.....	.....	.....	4	80	10	2500	28	.....	.....	.....	.....	.....
16	Church Point.....	3	36	1000	15	10	200	5	1200	30	.....	10	50	.....	.....
17	Little Brook and Comeauville.....	1	13	1200	5	26	390	17	4250	86	.....	4	20	.....	.....
18	Saulnierville.....	.....	.....	.....	.....	12	180	8	1600	40	.....	10	50	.....	.....
19	Meteghan River.....	.....	.....	.....	.....	8	120	3	750	22	.....	10	50	.....	.....
20	Meteghan.....	3	81	1000	15	20	400	7	1400	54	1 1800 3	20	100	.....	.....
21	Comeau's Cove.....	.....	.....	.....	.....	9	180	5	1250	28	.....	10	50	.....	.....
22	Bear Cove.....	.....	.....	.....	.....	20	300	5	1250	50	.....	10	50	.....	.....
23	Cape St. Mary's.....	10	160	3700	50	10	500	37	9250	94	1 400 2	40	200	.....	.....
24	Salmon and Beaver Rivers.....	.....	.....	.....	.....	15	300	3	600	36	.....	10	50	.....	.....
	Totals.....	50	513	75300	407	544	13830	422	106800	1750	3 6200	9 1324	12630	14	2500

SESSIONAL PAPER No. 22

Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing of Nova Scotia, during the year 1912-13.

Gear.										Canneries.		Other Material.								Persons employed in Canneries, freezers and Fish-houses.
Weirs.		Smelt nets.		Trawls.		Hand lines.		Lobster traps.		Lobster Canneries.		Freezers and Ice-houses.		Smoke and Fish-houses		Piers and Wharfs.				
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.			
	¢		¢		¢		¢		¢		¢		¢		¢		¢			
5	300			550	4550			1500	1500			5	5000	30	40000	9	17000	75	1	
				90	1800	110	110	2900	2900					6	200	1	6000		2	
2	1000			112	2240	70	70	2000	2000					7	300				3	
				96	1900	150	150	2000	2000	1	12000	3	150	17	5000	2	10000	50	4	
2	1100			92	1840	35	35	2000	2000	1	1000	1	1000	17	900	3	15000		5	
				125	2500	60	60	2000	2000	4	12000	3	425	24	1400	7	7000	75	6	
				60	1200	320	320	1400	1400			1	25	13	700	1	150		7	
				240	4800	430	430	6500	6500	1	1000	4	350	37	3175	16	20000	20	8	
				100	2000	300	300	3000	3000			1	350	20	4500	21	3900	5	9	
				200	4000	300	300	3500	3500	1	1000	5	1500	24	3110	35	11600	25	10	
8	2400			30	520	36	36	200	200			3	75	7	625	3	1100		11	
2	600	15	600	46	920	106	106	1100	1100			4	205	4	125	5	2000		12	
				120	720			2000	2000	1	300			9	1200				13	
				125	750	50	25	400	400					18	1140				14	
3	450			20	120	10	5	400	400	1	800			4	200				15	
						60	30	750	750					10	850				16	
				12	72	100	50	2400	2400	1	500			20	800				17	
						80	40	1800	1800					24	960				18	
2	300					30	15	1000	1000					2	100				19	
						80	40	2100	2100	1	400			8	150				20	
						65	32	1700	1700					7	175				21	
						80	40	1500	1500					10	200				22	
						350	175	3000	3000	2	900			25	625				23	
						40	20	400	400					3	45					
24	6150	15	600	2015	29932	2862	2389	45550	45550	14	29900	30	9080	206	66480	103	93750	392		

4 GEORGE V., A. 1914

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Industry in the County of **Annapolis**,

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, Etc.									
		Vessels.				Boats.					
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline	Value.	Men.	
<i>Annapolis County.</i>				\$			\$		\$		
1	Margaretsville					5	100	4	800	13	
2	Port George.....					5	100	2	300	10	
3	Port Lorne.....					12	240	1	150	15	
4	Hampton.....					5	150	1	150	12	
5	Phinneys Cove.....					25	500	4	615	30	
6	Parker Cove.....	2	46	1300	15	45	800	16	3450	70	
7	Hillsburn.....	1	47	2000	15	12	350	7	1195	30	
8	Litchfield.....					4	140	12	2225	30	
9	Port Wade.....	5	226	6500	60	1	50	8	1575	20	
10	Victoria Beach.....					2	100	35	6600	73	
11	Deep Brook and Clements Port.....					10	200	2	400	30	
12	Annapolis, Lequille and NictEAU rivers					50	750			150	
Totals... ..		8	319	9800	90	176	3480	92	17460	483	

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Industry in the County of **Kings**,

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, Etc.								
		Vessels.				Boats.				
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.
	<i>Kings County.</i>			\$			\$		\$	
1	Morden and vicinity.....					3	45	2	400	10
2	Victoria Harbour and Ogilvie wharf					1	15			2
3	Harbourville.....	1	13	150	4	2	30	2	600	10
4	Canada Creek.....					10	150	1	100	22
5	Chipman's Brook and Hunting Point....	1	12	500	3	6	90	1	100	14
6	Hall's Harbour.....	2	29	1200	7	8	150	3	600	22
7	Race Point and Sheffield Vault.....									
8	Baxter Harbour.....					12	110	1	300	26
9	Whalen Beach and Well's Cove									
10	Scott's Bay.....					5	75	4	1100	18
11	Blomidon and Kingsport.....									
12	Starr's Point to Wolfville.....									
13	Upper Gasperaux and all inland water...					12				12
	Totals.....	4	54	1850	14	59	665	14	3200	136

SESSIONAL PAPER No. 22

Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Province of **Nova Scotia**, during the Year 1912-13.

Fishing Gear.										Other Material.						Persons employed in canneries, freezers and fish-houses.	Number.
Gill Nets.		Weirs.		Trawls.		Hand Lines.		Lobster Traps.		Freezers and Ice- houses.		Smoke and Fish- houses.		Piers and Wharves.			
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢	¢		
65	650	4	1000	20	100	60	40	175	175	.....	.....	5	500	.....	.....	5	1
55	550	4	1000	50	250	70	50	200	200	.....	.....	2	100	.....	.....	5	2
120	1200	.....	.....	80	400	125	125	700	700	.....	.....	1	100	.....	.....	5	3
50	500	4	700	30	150	55	55	290	290	.....	.....	3	150	.....	.....	3	4
110	1100	1	200	159	750	130	130	1000	1000	.....	.....	3	250	.....	.....	3	5
105	1000	1	200	200	1000	190	190	3000	3000	1	200	15	2700	1	400	12	6
55	550	1	200	150	800	125	125	800	800	.....	.....	4	575	.....	.....	6	7
40	400	.....	.....	150	800	50	50	1000	1000	.....	.....	11	1100	.....	.....	12	8
50	500	3	300	500	2500	50	50	250	250	1	300	4	400	3	1200	4	9
35	350	.....	.....	225	1105	175	175	1500	1500	.....	.....	25	2500	2	1000	2	10
1	10	4	1000	5	25	25	25	.....	.....	1	2000	10	2000	7	1500	.....	11
...	.....	4	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	1000	.....	12
680	6810	26	5000	1560	7880	1055	1015	8915	8915	3	2500	83	10375	23	5100	57	

and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Province of **Nova Scotia**, during the Year 1912-13.

Fishing Gear.										Other Material.						
Gill Nets.		Weirs.		Seines.		Trawls.		Hand Lines.		Lobster Traps.		Smoke and Fish-houses.		Piers and Wharves.		Number.
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	
	¢		¢		¢		¢		¢		¢		¢		¢	
9	36	4	800	..	..	..	..	20	20	100	100	2	50	1	5000
5	20	1	200	..	..	..	..	10	10	100	100	2	50	2	1500
5	20	3	600	..	..	..	..	10	10	..	..	2	50	1	10000
14	70	2	600	..	..	..	..	44	44	100	100	2	50	1	5000
16	80	1	200	..	..	..	..	27	27	150	150	3	70	1	4000
32	160	3	800	..	..	..	..	44	44	100	100	5	100	1	10000
..	..	2	700	..	..	..	..	..	..	..	..	..	..	..	7
16	80	1	200	..	..	..	..	52	52	..	..	4	100	1	3000
..	..	1	200	..	..	..	..	..	..	..	..	..	..	..	..
10	50	6	1500	..	..	..	..	36	36	50	50	8	2000	1	5000
..	..	1	300	..	..	..	..	..	..	..	..	..	..	1	10000
..	..	1	200	..	..	..	..	..	..	..	..	..	..	..	..
12	48	27	162	..	..	..	..	..	..	..	..	..	..	..	..
119	564	53	6462	..	..	..	..	243	243	600	600	28	2470	10	53500

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Lunenburg, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, cwts. *	Salmon, value.	LOBSTERS, cwts.	LOBSTERS, value.	COD, cwts.	COD, value.	HADDOCK, cwts.	HADDOCK, value.	HAKE AND CUSK, cwts.	HAKE AND CUSK, value.	POLLOCK, cwts.	POLLOCK, value.	HERRING, cwts.	HERRING, value.	MACKEREL, cwts.	MACKEREL, value.
<i>County of Lunenburg.</i>																	
1	Fox Point.....	.....	.....	151	825	200	570	45	90	81	55	315	292	595	427	374	1591
2	Mill Cove.....	.....	.....	118	637	715	1,195	120	180	141	100	390	337	85	85	563	2,155
3	Lodge and N.W. Cove.....	.....	.....	162	890	126	246	45	60	15	15	180	161	296	223	114	456
4	Aspotogan.....	.....	.....	203	1,122	15	30	.....	.....	6	3	.....	.....	339	175	205	675
5	Bayswater, Blandford and Deep Cove.....	.....	.....	696	3,668	990	1,552	150	214	255	240	315	172	2,648	1,955	616	2,357
6	Chester.....	42	835	431	2,223	450	540	30	45	120	60	.....	.....	2,559	1,542	275	907
7	Martin River and Mahone Bay.....	10	200	.....	.....	29,795	47,995	1,280	1,280	235	117	210	157	140	140	9	18
8	Tancocks.....	.....	.....	699	3,720	2,585	3,682	564	504	478	348	400	250	5,235	4,800	630	2,390
9	Lunenburg Harbour to Kingbury.....	.....	.....	1475	14,750	206,580	411,210	26,249	26,300	.....	.....	.....	.....	2,350	2,585	575	2,106
10	La Have River.....	29	518	1181	8,815	229,395	454,680	27,395	34,431	.....	.....	.....	.....	3,788	4,166	525	1,775
11	Petite Rivière to Volger's Cove.....	7	126	800	8,000	1,481	2,264	600	1,102	.....	.....	.....	.....	1,807	1,987	92	345
Totals.....		88	1,679	5,916	44,650	472,372	923,964	56,478	64,206	1,331	938	1,810	1,369	19,842	18,085	3978	14,745

*Cwts. = 100 lbs.

SESSIONAL PAPER No. 22

THE CATCH

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Lunenburg, Province of Nova Scotia, during the Year 1912-13.—Continued.

Number.	Fishing Districts.	Alewives cwt.	Alewives, value.	Halibut, cwt.	Halibut, value.	Flounders, cwt.	Flounders, value.	Smelts, cwt.	Smelts, value.	Albacore, cwt.	Albacore, value.	Sword-Fish, cwt.	Sword-Fish, value.	Mixed Fish, cwt.	Mixed Fish, value.	Squid, brls.	Squid, value.	Scallops, brls.	Scallops, value.	Eels, cwt.	Eels, value.	Tom-Cod, cwt.	Tom-Cod, value.
<i>County of Lunenburg.</i>																							
1	Fox Point.....					5	5			120	120	6	24	25	12	5	20						
2	Mill Cove.....			21	90	2	2					9	36	25	13	10	40						
3	Lodge and N.W. Cove.....																						
4	Aspotogan.....																						
5	Bayswater, Blandford and Deep Cove.....			37	204							70	280			5	20						
6	Chester.....	54	54					14	112			90	450			5	20						
7	Martins River and Mahone Bay.....	26	26	250	1,000			12	96			6	24										
8	Tancocks.....			30	120							300	1200					1000	3000				
9	Lunenburg Harbour to Kingsbury.....			200	1,000							120	960										
10	La Have River.....			294	1,470			29	290														
11	Petite Riviere to Volger's Cove.....																						
	Totals.....	80	80	832	3,884	7	7	55	498	120	120	601	2974	50	25	25	100	1000	3000				

Cwt. = 100 lb.

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the County of Lunenburg, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, cwts.	Salmon, canned, cases.	Salmon salted, cwts.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, smoked, cwts.	Haddock, dried, cwts.	Hake and Cusk, fresh, cwts.	Hake and Cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Herring, fresh, cwts.	Herring, pickled, brls.	Number.
<i>County of Lunenburg.</i>																		
1	Fox Point.				54	20		96	45				27		105		25	1
2	Mill Cove.				45	10		238	27		33		47		130		15	2
3	Lodge and N.W. Cove.				59	20		42			15		5		60		32	3
4	Aspotogan				74	25		5					2				20	4
5	Bayswater, Blandford and Deep Cove				261	60		330	34		40		85		105		500	5
6	Chester	42	160			52		150	30				40			300		6
7	Malone Bay and Martin's Riv.	19						9931			425		78		72			7
8	Taucocks.				242	111		845	109		152		159		133		1473	8
9	Lunenburg Hrb. to Kingsbury					1475		68860	500		8583						783	9
10	La Have River	29				1181		75465	620		8925						1263	10
11	Petite Rivière to Voger's Cove	7				800		494			200						602	11
	Totals.	88			895	3754		157456	1365		18373		443		605	300	4713	
	Rates.	\$ 21	17			10		6	4		3		3		3	1	4	
	Values.	\$ 1848	15215			37540		944736	5460		55119		1329		1815	300	18852	

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products marketed in a fresh, dried, pickled, canned, &c., State, for the County of Lunenburg, Province of Nova Scotia, during the Year 1912-13.—*Continued*

[illegible]

4 GEORGE V., A. 1914

THE

RETURN showing the Quantities and Values of all Fish caught and landed in a
Year

Number.	Fishing Districts.	Salmon, *cwts.	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.	Herring, value.
	<i>Queens County.</i>		£		£		£		£		£		£		£
1	Port Medway	79	1580	1163	10467	2993	3557	419	272	115	86	3	2	470	470
2	Mill Village	69	1380												
3	Greenfield	26	416												
4	East and West Berlin, Beach Meadow, East- ern Head			1600	14400	1611	2014	415	415	300	300	100	100	1288	1288
5	Brooklyn, Liverpool and Western Head	16	320	1400	12600	2980	3725	600	600	200	200	100	100	2500	2500
6	Gull Islands, White and Hunt's Points and Sum- merville			1500	13500	2200	2750	800	800	100	100	75	75	1610	1610
7	Port Mouton and S. W. Port Mouton			1700	15300	2400	3000	600	600	198	198	100	100	2910	2910
8	Port Joli, Port L'Hébert and Sandy Bay			630	5670	360	450	400	400	100	100	50	50	1305	1305
	Totals	190	3696	7993	71937	12544	15490	3234	3087	1013	984	428	427	10083	10083

*Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

CATCH.

Green State in the County of **Queens**, Province of **Nova Scotia**, during the 1912-13.

Mackerel, cwts.	Mackerel, value.	Shad, cwts.	Shad, value.	Alewives, cwts.	Alewives, value.	Halibut, cwts.	Halibut, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Albacore, cwts.	Albacore, value.	Eels, cwts.	Eels, value.	Sword-fish, cwts.	Sword-fish, value.	Clams, cwts.	Clams, value.	Number.
	\$		\$		\$		\$		\$		\$		\$		\$		\$		\$	
14	76	1	10	10	13	23	130	36	360	...	20	27	54	50	300	298	1267	11	33	1
...	...	...	...	198	247	...	...	...	...	32	320	...	...	20	120	...	...	...	...	2
...	...	...	...	184	230	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
1000	7000	...	...	...	...	100	500	...	...	...	...	...	...	...	...	60	300	...	...	4
1200	8400	1	5	...	...	200	1000	...	...	...	...	52	156	150	450	200	1000	...	...	5
500	3500	...	...	...	...	200	1000	...	...	...	...	...	...	...	...	...	...	...	...	6
400	2800	...	...	...	...	150	750	...	...	...	...	...	...	...	...	200	1000	...	...	7
102	714	...	...	...	...	37	285	...	...	...	...	...	...	...	...	...	...	...	...	8
16	22490	2	15	392	490	710	3665	36	360	52	520	79	210	220	870	758	3567	11	33	

4 GEORGE V., A. 1914

THE CATCH

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed
Nova Scotia, during the

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwt.	Lobsters, canned, cases	Lobsters, shipped in shell, cwt.	Cod, fresh, cwt.	Cod, shipped green salted, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Haddock, dried, cwt.	Hake and Cusk, fresh, cwt.	Hake and Cusk, dried, cwt.	Pollock, fresh, cwt.	Pollock, dried, cwt.	Herring, fresh, cwt.	Herring, pickled, brls.
<i>Queens County.</i>															
1	Port Medway. . . .	79	259	526	1378	384	277	215	68	115	....	.	1	....	114
2	Mill Village.	69	....	....	....	....	....	....	....	....	....	....	....	....	....
3	Greenfield.	26	....	....	....	....	....	....	....	....	....	....	....	....	....
4	East and West Berlin, Beach Meadows, Eastern Head. . . . .	....	....	400	100	400	237	100	100	....	75	....	10	20	350
5	Brooklyn, Liverpool & Western Head.	16	....	400	600	440	500	700	....	....	70	20	50	50	500
6	Gull Islands, White and Hunts Points and Summerville. . . . .	....	....	500	200	400	400	200	200	....	72	....	30	10	400
7	Port Mouton and S. W. Port Mouton. . . . .	....	1835	500	300	300	500	100	160	....	60	....	46	10	700
8	Port Joli, Port l'Hébert, Sandy Bay. . . . .	....	....	450	60	....	100	55	89	....	25	....	....	10	167
	Totals.	190	2094	2776	2638	1924	2014	1370	617	115	302	20	137	100	2231
	Rates. \$	21	19	17	1.50	3	5	1	4	.75	4	1	3.50	1	4
	Values. \$	3990	39786	47192	3957	5772	10070	1370	2468	86	1208	20	480	100	8924

Total value.

*Cwt.—100 lbs.

SESSIONAL PAPER No. 22

MARKETED.

in a fresh, dried, pickled, canned, &c., State, for the County of **Queens**, Province of
Year 1912-13.

Herring, used as bait, brls.	Mackerel, fresh, cwts.	Mackerel, salted, brls.	Shad, fresh, cwts.	Alewives, fresh, cwts.	Alewives, salted, brls.	Halibut, fresh, cwts.	Smelts, fresh, cwts.	Trout, fresh, cwts.	Albacore, fresh, cwts.	Hels, fresh, cwts.	Sword fish, fresh, cwts.	Clams and Quahaugs, fresh, brls.	Hair seal skins, No.	Number.
64	14	.....	1	10	.....	23	36	.....	27	50	298	11	75	1
.....	.....	.....	.....	138	.....	.....	.....	20	.....	20	.....	.....	.....	2
.....	.....	.....	.....	124	.....	.....	.....	32	.....	.....	.....	.....	.....	3
100	400	35	.....	.....	.....	100	.....	.....	.....	.....	60	.....	.....	4
500	1500	100	1	.....	.....	200	.....	.....	52	150	200	.....	.....	5
200	102	100	.....	.....	.....	200	.....	.....	.....	.....	.....	.....	.....	6
400	200	100	.....	.....	.....	150	.....	.....	.....	.....	200	.....	.....	7
397	.....	.....	.....	.....	.....	37	.....	.....	.....	.....	.....	.....	.....	8
1661	2216	335	2	272	40	710	36	52	79	220	758	11	75	
3	6	12	8	1	5.50	5	10	10	2	6	8	3	1	
4983	13296	4020	16	272	220	3550	360	520	158	1320	6264	33	75	

\$160,510

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State, in the County of Shelburne, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, * cwt.	Salmon, value.	Lobsters, cwt.	Lobsters, value.	Cod, cwt.	Cod, value.	Haddock, cwt.	Haddock, value.	Hake and Cusk, cwt.	Hake and Cusk, value.	Pollock, cwt.	Pollock, value.	Herring, cwt.	Herring, value.	Mackerel, cwt.	Mackerel, value.	Alewives, cwt.	Alewives, value.	Halibut, cwt.	Halibut, value.	Number.
<i>County of Shelburne.</i>																						
1	Wood's Harbour	...	...	5946	61618	5807	10147	2148	2070	...	...	837	827	6595	6485	2154	8069	...	...	314	1993	1
2	Shag Harbour and Bear Point	...	...	2973	30510	2903	5073	1073	1035	...	...	419	413	3297	3243	1077	4035	...	...	157	998	2
3	Cape Island	...	...	11891	123238	11612	20295	4275	4141	...	...	1674	1654	13189	12969	3770	14122	...	...	628	3986	3
4	Barrington	...	...	2973	30810	2903	5073	1073	1035	...	...	419	413	3297	3243	1077	4035	...	...	157	998	4
5	Port La Tour and Baccaro	7	94	4459	46214	4355	7611	1610	1553	...	...	628	621	4946	4863	1616	6051	...	...	236	1495	5
6	Cape Negro and Blanche	20	284	2973	30810	2903	5073	1073	1035	...	...	419	413	3297	3243	1077	4035	...	...	186	157	6
7	Port Saxon, Clyde River, N.E. and N.W. Harbour	...	...	111	1176	515	741	210	315	...	...	130	110	753	376	200	862	...	...	...	...	7
8	Black Point, Red Head and Round Bay	36	540	319	3381	500	720	300	450	...	...	...	...	600	300	114	491	...	...	...	...	8
9	Roseway, Carleton Village and McNut's Island	...	...	1410	14946	800	1152	500	750	...	...	110	93	10000	5000	300	1293	...	...	...	...	9
10	Gunning Cove, Churchover and Birch town	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
11	Shelburne and Sandy Point	14	210	876	9285	6815	8813	3959	5938	417	417	600	510	12100	6050	800	3448	...	...	142	142	11
12	Jordan, East and West	8	96	925	9805	1650	2160	950	1425	...	...	150	137	3240	1600	775	3240	...	...	125	125	12
13	Lockeport	...	...	5035	50350	50420	63025	25450	38175	9600	9600	4241	3392	19948	9974	1700	7040	...	...	747	5976	13
Totals		85	1224	39891	412443	91243	129883	42622	57922	10017	10017	9628	8573	81222	57346	14720	56721	1282	1282	2521	17273	

Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State, in the County of Shelburne, Province of Nova Scotia, during the year 1912-13—*Concluded*.

Number.	Fishing Districts.	Smelts, cwt.	Smelts, value.	Albacore, cwt.	Albacore, value.	Sword-fish, cwt.	Sword-fish, value.	Mixed Fish, cwt.	Mixed Fish, value.	Squid, brls.	Squid, value.	Clams, brls.	Clams, value.	Number.
<i>County of Shelburne.</i>														
1	Wood's Harbour.													1
2	Shag Harbour and Bear Point.						17							2
3	Cape Island.						57							3
4	Barrington.			60	180									4
5	Port La Tour and Baccaro.													5
6	Cape Negro and Blanche.			40	120									6
7	Port Saxon, Clyde River, N. E. and N. W. Harbours													7
8	Black Point, Red Head and Round Bay.	7	97											8
9	Roseway, Carleton Village and McNutt's Island.													9
10	Gunning Cove, Churchover and Birchtown.	8	110											10
11	Shelburne and Sandy Point.													11
12	Jordan, East and West.	6	83	1200	2400		1600	3200	2625	71	177	1205	1813	12
13	Lockeport.					320								13
	Totals.	21	290	1319	2757	337	1753	3200	2625	71	177	1295	1813	

Cwt. = 100 lbs.

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for the County of **Shelburne**, Province of **Nova Scotia**, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwts.	LOBsters, canned, cases.	LOBsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod shipped green-salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, smoked, cwts.	Haddock, dried, cwts.	Hake and Cusk, fresh, cwts.	Hake and Cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Number.
County of Shelburne.															
1	Wood's Harbour	2250	3900	110	1525	385	193	770	2051	1026	417	2735	1949	2557	1
2	Shag Harbour and Bear Point	442	1750	300	763	193	3076	289	1026	417	2735	1949	2557	2	
3	Cape Island	2055	6475	300	3051	300	105	210	2051	417	2735	1949	2557	3	
4	Barrington	420	1250	100	763	193	167	300	1026	417	2735	1949	2557	4	
5	Port La Tour and Baccaro	415	980	100	1144	1537	105	210	1026	417	2735	1949	2557	5	
6	Cape Negro and Blanche	447	1010	200	763	193	105	210	1026	417	2735	1949	2557	6	
7	Port Saxon, Clyde River, N. E. and N. W. Harb's.	36	1333	200	100	300	100	300	1026	417	2735	1949	2557	7	
8	Black Point, Red Head and Round Bay	31	1333	200	100	300	100	300	1026	417	2735	1949	2557	8	
9	Roseway, Carleton Village and McNutt's Island.	355	616	150	100	350	167	500	1026	417	2735	1949	2557	9	
10	Gunning Cove, Churchover and Birchtown	14	355	681	100	1978	100	3953	714	4836	1395	2735	1949	2557	10
11	Shelburne and Sandy Point	8	355	150	450	350	1978	3953	714	4836	1395	2735	1949	2557	11
12	Jordan, East and West	8	2035	1434	22740	7189	4534	9514	714	4836	1395	2735	1949	2557	12
13	Lockeport	85	8460	18748	24581	15398	11947	16856	714	8113	1812	2735	1949	2557	13
Totals		85	8460	18748	24581	15398	11947	16856	714	8113	1812	2735	1949	2557	
Rates		\$ 14.40	20	15	2	3	5	2	5	4	1	3	1	4	
Values		\$ 1224	169200	281220	49162	46194	59735	33712	3570	32452	1812	8205	1949	10298	

*Cwt=100 lbs.

SESSIONAL PAPER No. 22

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for the County of **Shelburne**, Province of **Nova Scotia**, during the Year 1912-13.—*Concluded.*

Fishing Districts.																
County of Shelburne.																
Number.	Herring, fresh, * cwt.	Herring, smoked, cwt.	Herring, pickled, bbl.	Herring, used as bait, bbl.	Mackerel, fresh, cwt.	Mackerel, salted, bbl.	Alewives, fresh, cwt.	Alewives, salted, bbl.	Halibut, fresh, cwt.	Smelts, fresh, cwt.	Albacore, fresh, cwt.	Sword-fish, fresh, cwt.	Mixed Fish, fresh, cwt.	Squid, used as bait, bbl.	Clams and Qua- haugs, fresh, bbl.	Number.
1 Wood's Harbour	2637	..	625	1003	1674	125	..	..	264	..	..	19	..	..	..	1
2 Shag Harbour and Bear Point	1318	..	313	502	836	62	..	..	107	..	..	60	..	..	..	2
3 Cape Island	5273	200	1250	2006	3347	249	..	..	778	..	..	..	..	..	..	3
4 Barrington	1318	..	313	502	836	62	803	..	107	..	..	..	..	..	..	4
5 Port La Tour and Baccaro	1977	..	468	752	1253	94	..	..	236	..	40	..	..	..	..	5
6 Cape Negro and Blanche	1318	..	313	502	836	62	186	..	157	..	..	..	..	..	..	6
7 Port Saxon, Clyde River, N. E. and N. W. Harbour	432	..	111	..	200	..	..	..	..	7	..	..	..	..	..	7
8 Black Point, Red Head and Round Bay	300	..	100	..	114	..	..	..	..	..	..	..	..	..	..	8
9 Roseway, Carleton Village and McNutt's Island	8000	..	550	175	300	..	68	..	4	..	..	..	..	..	..	9
10 Gunning Cove, Churchover and Birchtown . . . . .	..	..	..	..	..	..	100	14	..	8	..	100	..	..	..	10
11 Shelburne and Sandy Point	8500	..	700	750	500	50	125	..	90	..	..	..	..	..	..	11
12 Jordan, East and West	1928	..	233	291	775	..	..	..	35	6	..	..	..	..	..	12
13 Lockport	9600	..	1566	2825	1540	125	..	..	747	..	1200	320	3200	71	1295	13
Totals	42001	200	6542	9308	12213	829	1282	18	2521	21	1319	337	3200	71	1295	
Rates	1.50	6	3.50	2	4	12	1	4	8	10	5	8	1.50	2.50	1.40	
Values	63901	1200	22755	18616	48852	9948	1282	72	20168	210	6595	2696	4800	177	1813	
Total value																\$901,748

* Cwt. = 100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Yarmouth, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Salmon, cwt. *	Salmon, value.	LOBSTERS, cwt.	LOBSTERS, value.	COD, cwt.	COD, value.	HADDOCK, cwt.	HADDOCK, value.	HAKE AND CUSK, cwt.	HAKE AND CUSK, value.	POLLOCK, cwt.	POLLOCK, value.	HERRING, cwt.	HERRING, value.	MAACKEREL, cwt.	MAACKEREL, value.	Number.
Yarmouth County.																		
1	Port Maitland.....	15	270	5000	40000	7170	10755	2621	2621	315	236	1354	1015	4200	4200	1032	7214	1
2	Sandford.....	25	450	4000	32000	4870	7305	2400	2400	276	207	805	604	3600	3600	1144	8008	2
3	Yarmouth.....	5	90	7100	56800	12073	13109	3872	3872	2085	1563	2175	1631	7000	7000	860	6020	3
4	Arcadia.....	3	54	3010	24080	1000	1500	200	200	61	46	100	75	800	800	800	5600	4
5	Pinkney's Point.....	.....	.....	3031	24248	1219	1828	225	325	200	150	100	75	2000	2000	1090	7630	5
6	Conceau Hill.....	.....	.....	6190	49520	5720	8580	1560	1560	542	406	720	540	7000	7000	2134	14938	6
7	Wedgport.....	3	51	9240	73920	8725	13087	2570	2570	786	589	1430	1072	10000	10000	4200	29400	7
8	Salmon River.....	8	144	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
9	Tusket.....	51	918	50	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
10	Eel Brook.....	4	72	4080	32640	2500	3750	500	500	.....	.....	100	75	3000	3000	2500	17500	10
11	Argyle.....	.....	.....	9220	73760	12009	18000	4000	4000	2164	1632	2500	1875	7072	7072	3800	26600	11
12	Pubnicoes.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Totals.....		114	2052	50921	342568	55277	82914	17948	17948	6429	4829	9284	6362	44672	44672	17560	122910	

Cwt.=100 lbs.

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Yarmouth, Province of Nova Scotia, during the year 1912-13—Continued.

Number.	Fishing Districts.	Shad, cwts.	Shad, value.	Alewives, cwts.	Alewives, value.	Halibut, cwts.	Halibut, value.	Smelts, cwts.	Smelts, value.	Albacore, cwts.	Albacore, value.	Reels, cwts.	Reels, value.	Mixed Fish, cwts.	Mixed Fish, value.	Clams, brls.	Clams, value.	Quahangs, brls.	Quahangs, value.	Number.
<i>Yarmouth County.</i>																				
1	Port Maitland.	...	...	...	...	5	35	...	...	20	80	...	...	700	350	10	20	...	...	1
2	Sandford.	...	...	187	187	10	70	...	...	42	168	...	...	600	300	15	30	...	...	2
3	Yarmouth.	...	...	325	325	3102	21714	10	120	20	80	10	50	350	175	160	320	...	...	3
4	Acadia.	...	...	300	300	...	...	5	60	...	...	...	...	...	...	15	30	...	...	4
5	Pinkney's Point.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	40	...	...	5
6	Comeau Hill.	...	...	...	...	...	...	...	...	64	256	...	...	...	...	20	40	...	...	6
7	Wedgeport.	...	...	575	575	55	385	5	60	200	800	75	375	150	75	75	150	...	...	7
8	Salmon River.	...	...	2100	2100	...	...	8	96	...	...	56	280	...	...	...	...	...	...	8
9	Tusket.	...	...	16582	16582	...	...	130	1560	...	...	...	...	...	...	...	...	...	...	9
10	Eel Brook.	...	...	2000	2000	...	...	40	480	...	...	80	400	...	...	...	...	...	...	10
11	Argyle.	...	...	2200	2200	...	...	8	96	11	44	70	350	30	15	75	150	...	...	11
12	Pubnicoes.	...	...	600	600	2969	20783	66	792	15	60	48	240	250	125	48	96	...	...	12
Totals.		44	220	24869	24869	6141	42987	272	3264	372	1488	349	1745	2280	1140	443	886	...	...	...

Cwt. = 100 lbs.

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the County of Yarmouth, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, cwts.*	Lobsters, canned, cases.	Lobsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod shipped green salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, smoked, cwts.	Haddock, dried, cwts.	Hake and Cusk, dried, cwts.	Pollock, dried, cwts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Herring, pickled, brls.	Herring, used as Bait, brls.	Herring, used as Fertilizer, brls.	Number.
1	Yarmouth County.																	1
2	Port Maitland.	15	1000	2500	300	200	2157			50	840	105	451			400	1500	2
3	Sandford.	25	1000	1500	200	150	1457			10	793	92	268			300	1350	3
4	Yarmouth.	5	20 0	2100	2500	1080	2471			450	857	635	725			500	2084	4
5	Acadia.	3	800	1010	50	30	296				67	20	33			100	243	5
6	Finkney's Point.		800	1031	50	20	376				75	67	33			200	695	6
7	Comeau Hill.		2000	1190	500	300	1540				503	181	240			600	590	7
8	Wedgeport.	3	2800	2240	600	900	2108				840	262	477			1000	3435	8
9	Salmon River.	8																9
10	Tusket.	51																10
11	Bel Brook.	4	12	20														11
12	Argyle.		1020	1530	100	50	767				167		34			800	295	12
	Publicos.		3000	1720	400	400	3900				1334	721	833			800	821	
	Totals.	114	14432	14841	4700	3130	14772	500	510	5476	2143	3094	146	4150	4700	11013	50	
	Rates.	18	20	14	2	4	6	1 50	5	4	3	4	1 50	4	4	2	50	
	Values.	2052	288640	267774	9400	12520	88632	750	2550	21904	6429	12376	219	16600	18800	22026	25	

* Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the County of Yarmouth, Province of Nova Scotia, during the year 1912-13—*Continued.*

Number.	Fishing Districts.	Mackerel, fresh, cwts.	Mackerel, salted, cwts.	Shad, fresh, cwts.	Alwives, fresh, cwts.	Alwives, salted, bbls.	Hallbut, fresh, cwts.	Smelts, fresh, cwts.	Albacore, fresh, cwts.	Eels, fresh, cwts.	Mixed Fish, fresh, cwts.	Clams and Qua- haugs, fresh, bbls.	Fish Oil, gallons.	Number.
<i>Yarmouth County.</i>														
1	Port Maitland.....	912	40	.....	.....	.....	5	.....	20	.....	60	10	100	1
2	Sandford.....	1024	40	40	157	10	10	.....	42	.....	600	15	80	2
3	Yarmouth.....	740	40	40	265	20	3102	10	20	10	350	160	600	3
4	Arcadia.....	500	100	.....	210	30	5	.....	.....	.....	.....	15	100	4
5	Pinkney's Point.....	640	150	.....	.....	.....	.....	.....	.....	.....	.....	20	50	5
6	Comcan Hill.....	134	200	.....	.....	.....	.....	.....	64	.....	200	25	30	6
7	Wedgeport.....	3600	200	.....	425	50	55	5	200	.....	150	75	500	7
8	Salmon River.....	.....	.....	2	600	500	.....	8	.....	.....	.....	.....	500	8
9	Tusket.....	.....	.....	42	10582	2000	.....	130	.....	.....	.....	.....	.....	9
10	Bel Brook.....	.....	.....	.....	1400	200	.....	40	11	80	30	75	.....	10
11	Argyle.....	2050	150	.....	1780	140	.....	8	15	70	250	48	.....	11
12	Pubnicoes.....	3200	200	.....	600	.....	2969	66	15	48	.....	.....	900	12
	Totals.....	14200	1120	44	16019	2950	6141	272	372	349	2280	443	2860	
	Rates.....	8	12	10	1.50	3	8	12	5	6	.50	2.50	.30	
	Values.....	113600	13440	440	24028	8850	49128	3264	1860	2094	1140	1107	858	
	Total value.....	\$930,506												

* Cwts. = 100 lbs.

4 GEORGE V., A. 1914

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Digby, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Salmon, * cwt.	Salmon, value.	Lobsters, cwt.	Lobsters, value.	Cod, cwt.	Cod, value.	Haddock, cwt.	Haddock, value.	Hake and cusk, cwt.	Hake and cusk, value.	Pollock, cwt.	Pollock, value.	Herring, cwt.	Herring, value.	Mackerel, cwt.	Mackerel, value.	Number.
	<i>County of Digby</i>																	
1	Digby and vicinity.	45	900	500	7500	10408	16644	46100	115250	23150	20835	2300	2300	5000	3750	90	450	1
2	Bay View and Culloden.			600	9000	466	745	2130	5325	2325	2525	375	375	51	38			2
3	Gulliver's Cove to Waterford.			900	13500	832	540	4950	12375	7425	7683	3180	3180	3058	2293	960	4800	3
4	Centreville.			600	9000	3308	5292	7050	17425	10455	9409	350	350	4998	3750	25	125	4
5	Sandy Cove and Mink Cove.			550	8250	1072	1715	1639	4097	2453	2209	500	470	7275	5356	3325	16625	5
6	Little River and Whale Cove.			2200	22000	735	1172	7605	19012	12099	10222	750	750	331	248	55	265	6
7	Tiddville and East Ferry.			600	9000	743	1188	1326	3812	2115	1590	1150	1150	462	346	69	345	7
8	Tiverton and Central Grove.			2450	36750	8320	13312	7655	19137	35499	31950	4525	4525	779	584	123	615	8
9	Freeport.			2250	33750	1261	1891	6000	15000	15000	15000	7210	7210	277	207	18	90	9
10	Westport.			2250	33750	8208	13132	7990	19975	12000	10800	8200	8200	3184	2388	10	50	10
11	Smith's Cove and Brighton.			87	562	80	128	201	402	145	130	380	380	6015	4511	117	585	11
12	Plymouth to Weymouth.			313	4688	420	672	853	2121	745	671	1413	1413	780	585	247	1235	12
13	New Edinburgh.			873	8602	25	31	4874	7311					668	668	2	8	13
14	Belliveau and White Cove.			139	2092	47	59	1492	2338					78	78	312	1248	14
15	Grosse Coques.			422	2280	47	59	965	1447					782	782	110	440	15
16	Church Point.			123	1855									10	10			16
17	Little Brook and Comeauville.			3869	25685	190	237							20	20			17
18	Saulnierville.			179	2685	198	247	28	42			2	2	20	20			18
19	Metegan River.			96	1440	118	148	14	21			5	5	18	18	88	352	19
20	Metegan.			1055	6330	97	121	16	24			46	46	52	52	10	40	20
21	Comeau's Cove.			205	3075	136	170	125	125			25	25	48	48	4	16	21
22	Bear Cove.			187	2805	122	153	25	37			10	10	66	66			22
23	Cape St. Mary's.	3	60	2777	2770	354	443	276	276			209	209	1172	1172	110	440	23
24	Salmon and Beaver Rivers.			42	630	188	235	20	30			10	10	330	330	30	120	24
	Totals.	48	960	23227	279999	37368	58334	101534	245482	123613	113024	30644	30614	35474	27330	5705	27849	

* Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

THE CATCH.

12 Returns showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Digby, province of
 13 Nova Scotia, during the year 1912 13
 14 Con.

Number.	Fishing Districts.	Halibut, cwts.	Halibut, value.	Flounders, cwts.	Flounders, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Eels, cwts.	Eels, value.	Tom-cod, cwts.	Tom-cod, value.	Clams, bbls.	Clams, value.	Pertwinkles, cwts.	Pertwinkles, value.	Dulse, cwts.	Dulse, value.	Number.
County of Digby.																				
1	Digby and vicinity	325	2275	94	282	5	25	5	50	...	...	...	...	6000	8400	658	987	391	1955	1
2	Bay View and Culloden	13	91	...	...	...	...	...	...	...	...	...	...	15	4	...	...	...	...	2
3	Gulliver's Cove to Waterford	20	140	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
4	Centreville	25	175	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
5	Sandy Cove and Mink Cove	400	2800	...	...	...	...	...	...	...	...	...	...	10	11	...	...	...	...	5
6	Little River and Whale Cove	7	49	...	...	...	...	...	...	3	36	...	...	...	...	...	...	...	...	6
7	Tiddville and East Ferry	20	140	...	...	...	...	...	...	...	...	...	...	10	14	...	...	...	...	7
8	Tiderton and Central Grove	7	49	...	...	...	...	2	20	...	...	...	...	25	35	...	...	...	...	8
9	Freepoint	288	2016	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
10	Westport	285	1995	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
11	Smith's Cove and Brighton	10	70	...	...	7	35	3	30	5	60	...	...	5005	7007	...	...	...	...	11
12	Plympton to Weymouth	...	...	...	...	7	35	7	70	...	...	...	...	2386	3338	...	...	...	...	12
13	New Edinburgh	...	...	...	...	...	...	...	...	...	...	3	6	155	232	...	...	...	...	13
14	Belliveau and White Cove	...	...	...	...	...	...	...	...	...	...	3	6	233	344	...	...	...	...	14
15	Grosse Coques	...	...	...	...	...	...	...	...	...	...	3	6	111	166	...	...	...	...	15
16	Church Point	...	...	...	...	...	...	...	...	...	...	...	...	40	60	...	...	...	...	16
17	Little Brook and Comeauville	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17
18	Saulnierville	...	...	...	...	...	...	...	...	...	...	4	8	...	...	...	...	...	...	18
19	Meteghan River	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19
20	Meteghan	...	...	...	...	...	...	...	...	...	...	...	...	3	5	...	...	...	...	20
21	Comeau's Cove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21
22	Bear Cove	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
23	Cape St. Mary's	5	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23
24	Salmon and Beaver Rivers	...	...	...	...	3	30	...	...	80	320	...	...	...	...	...	...	...	...	24
Totals		1405	9830	94	282	19	95	20	200	88	416	10	20	13993	19619	658	987	391	1955	

4 GEORGE V., A. 1914

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the County of Digby, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, * cwt.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwt.	Cod, fresh, cwt.	Cod, shipped, green-salted, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Haddock, smoked, ed. cwt.	Haddock, canned, cwt.	Haddock, dried, cwt.	Hake and Cusk, fresh, cwt.	Hake and Cusk, dried, cwt.	Pollock, fresh, cwt.	Pollock, dried, cwt.	Herring, fresh, cwt.	Herring, smoked, cwt.	Herring, pickled, brs.	Number.
<i>County of Digby.</i>																			
1	Digby and vicinity	45		500	200		3401	1600	22250			3650	6500	200	700				1
2	Bay View and Culloden			600	466			2130				2525	2475	125	1060				2
3	Gulliver's Cove to Waterford			900	832			4950					3485	117	166		2294		3
4	Centreville		30	525			1102	436	1303	2672			818	166	250				4
5	Sandy Cove and Mink Cove			550			357	1639					4033	705	383				5
6	Little River and Whale Cove		757	308	400		111	505	3550				11833		1508				6
7	Tidville and East Ferry			600	410		111	1526							2403				7
8	Tiverton and Central Grove		15	2413	8000		107	7655				15000	4000		2733				8
9	Freeport			2250			417	6000	3995										9
10	Westport		75	2063			2736	37	82			145		380					10
11	Smith's Cove and Brighton			313	420			853				245	170	75	446				11
12	Plympton to Weymouth			373															12
13	New Edinburgh		200	139	15	5			3249							40			13
14	Belliveau and White Cove			17	11	18			994							40			14
15	Grosse Coques		162	17	10	18			643							10			15
16	Church Point			123	10											5			16
17	Little Brook and Comeauville		1294	634	15	87										1			17
18	Saultmerville			179	15	76	10	28								5			18
19	Meteghan River			96	10	39	10	14								2			19
20	Meteghan			342	10	28	10	16								15			20
21	Concan's Cove		285	205	15	30	20	35								8			21
22	Bear Cove			187	20	36	10	25								3			22
23	Cape St. Mary's		570	1352	22	121	30	126								69			23
24	Salmon and Beaver Rivers	3		42	20	54	20	20								3			24
	Totals	48	3388	14748	10971	512	8452	27595	31180	7558	80	21565	34019	659	9992	163	2294	150	
	Rates	25	20	15	2	4	6	2	5.50	6	4	.90	4	1	3.50	1	8	3	
	Value	1200	67760	221220	21942	2048	50712	55190	171490	45348	320	19408	136076	659	34972	163	18352	450	

* Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the County of Digby, Province of Nova Scotia, during the year 1912-13—*Concluded.*

Fishing Districts.	Herring used as bait, brls.	Herring used as fertilizer, brls.	Maack-rel, fresh, cwt.	Maack-rel, salted, brls.	Halibut, fresh, cwt.	Flounders, fresh, cwt.	Smelts, fresh, cwt.	Trout, fresh, cwt.	Beals, fresh, cwt.	Tom-cod, fresh, cwt.	Clams, fresh, brls.	Periwinkles, fresh, cwt.	Sounds, pickled and dried, cwt.	Dulse, dried, cwt.	Fish oil, gals.	Fish glue material, tons.	Number.
<i>County of Digby.</i>																	
1 Bay View and Culloden.....	2500	...	90	...	325	94	5	5	...	...	6000	658	230	130	4500	60	1
2 Gulliver's Cove to Waterford.....	26	...	...	...	13	...	...	...	...	...	...	...	30	...	...	...	2
3 Centreville.....	1529	...	...	320	20	...	...	...	...	...	15	...	75	...	...	...	3
4 Digby and vicinity.....	205	...	...	8	25	...	...	...	...	...	...	...	104	...	1600	950	4
5 Sandy Cove and Mink Cove.....	3537	...	...	1108	400	...	...	...	...	...	10	...	24	...	1300	...	5
6 Little River and Whale Cove.....	166	...	...	33	7	...	...	...	3	...	...	...	211	...	...	...	6
7 Tidville and East Ferry.....	231	...	...	31	6	...	...	...	...	...	10	...	30	...	2000	...	7
8 Tiverton and Central Grove.....	389	...	...	40	7	...	...	2	...	...	25	...	355	...	...	...	8
9 Freeport.....	138	...	...	6	288	...	...	...	...	...	...	...	150	...	...	...	9
10 Westport.....	1592	...	...	10	235	...	...	...	...	...	...	...	120	...	3000	...	10
11 Smith's Cove and Brighton.....	3007	...	...	110	5	...	7	3	5	...	5005	...	...	...	...	...	11
12 Plympton to Weymouth.....	390	...	...	80	10	...	7	...	...	...	2386	...	...	...	...	...	12
13 New Edinburgh.....	37	...	...	72	80	...	...	...	...	...	155	...	...	...	...	...	13
14 Belliveau and White Cove.....	314	...	...	2	...	...	...	...	...	3	233	...	...	...	...	...	14
15 Grosse Coques.....	371	...	...	30	...	...	...	...	...	3	111	...	...	...	...	...	15
16 Church Point.....	...	...	...	...	...	...	...	...	...	...	40	...	...	...	...	...	16
17 Little Brook and Comeauville.....	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17
18 Sauniville.....	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18
19 Metegan River.....	6	...	...	13	25	...	...	4	...	...	...	...	...	...	...	...	19
20 Metegan.....	21	...	...	10	...	...	...	...	...	...	8	...	...	...	...	...	20
21 Comeau's Cove.....	22	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	21
22 Bear Cove.....	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
23 Cape St. Mary's.....	426	...	...	77	11	5	...	...	...	...	...	...	...	...	...	...	23
24 Salmon and Beaver Rivers.....	85	...	...	10	...	...	...	3	80	...	...	...	5	...	200	...	24
Totals.....	15135	...	502	1736	1405	94	19	20	88	10	13993	653	1334	130	12600	1010	
Rates.....\$	1.50	...	4	9	6	7	5	10	6	2	1.50	2.50	5	15	.35	17	
Value.....\$	22702	...	2008	15624	8430	658	95	200	528	20	20989	1645	6670	1955	4410	17170	
Total value.....	\$950,414																

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State

Number.	Fishing Districts.	Salmon, cwts.	Salmon, value.	Lobsters, cwts.	Lobster, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk cwts.	Hake and Cusk value.	Pollock, cwts.	Pollock, value.
	<i>County of Annapolis.</i>		\$		\$		\$		\$		\$		\$
1	Margaretville.....	8	160	20	300	1800	3600	1000	2500	1200	1800	250	375
2	Port George.....	10	200	80	1200	1200	2400	700	1750	960	1200	150	225
3	Port Lorne.....	6	120	50	750	1800	3600	1000	2500	1100	1650	200	300
4	Hampton.....	6	120	30	450	500	1000	300	750	800	1200	120	180
5	Phinney's Cove.....			120	1800	1920	3840	1000	2500	1300	1950	120	180
6	Parkers Cove.....			200	3000	3060	6120	2500	6250	3500	5250	300	525
7	Hilsburne.....			190	1850	1800	3600	1300	3250	1800	2700	250	375
8	Litchfield.....			195	1925	1400	2800	2000	5000	4000	6000	400	600
9	Port Wade.....			56	840	1800	3600	3500	8750	4500	6750	350	525
10	Victoria Beach.....			205	3075	3500	7000	4000	10000	6000	9000	400	600
11	Clements Port and Deep Brook.					427	854	580	1450	595	892	94	141
12	Annapolis, Lequille & Nictaux Rivers.....	24	480										
		54	1080	1146	17190	19207	38414	17880	44700	25595	38392	2684	4026

SESSIONAL PAPER No. 22

CATCH.

in the County of **Annapolis**, Province of **Nova Scotia**, during the year 1912-13.

Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Shad, cwts.	Shad, value.	Halibut, cwts.	Halibut, value.	Flounders, cwts.	Flounders, value.	Trout, cwts.	Trout, value.	Bass, cwts.	Bass, value.	Eels, cwts.	Eels, value.	Tom-cod, cwts.	Tom-cod, value.	Squid, cwts.	Squid, value.	Clams, cwts.	Clams, value.	Number.
			¢		¢		¢		¢		¢		¢		¢		¢		¢		¢	
800	800	30	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	40	...	...	1
1300	1300	25	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	40	...	...	2
800	800	14	42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	20	...	...	3
350	350	15	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	20	...	...	4
2000	2000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
5000	5000	...	...	...	...	550	4400	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
2300	2300	...	...	...	...	155	1240	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
1000	1000	...	...	...	...	500	4000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
400	400	...	...	...	...	300	2400	...	...	...	...	...	...	...	...	...	...	...	...	291	1107	9
500	500	...	...	...	...	1000	8000	15	30	...	...	...	...	...	...	...	...	...	...	...	...	10
72	72	...	...	...	...	...	...	10	20	...	...	...	...	...	...	...	...	...	...	3500	4900	11
....	....	...	...	20	200	...	...	...	...	500	7500	25	250	30	30	...	...	...	...	...	...	12
14522	14522	84	252	20	200	2505	20040	25	50	500	7500	25	250	30	30	10	20	30	120	4291	6007	

4 GEORGE V., A. 1914

THE CATCH

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed
of Nova Scotia, during

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwt.s.	Lobsters, shipped in shell, cwt.s.	Cod, fresh, cwt.s.	Cod, dried, cwt.s.	Haddock, fresh, cwt.s.	Haddock, dried, cwt.s.	Hake and Cusk, dried, cwt.s.	Pollock, dried, cwt.s.	Herring, fresh, cwt.s.
	<i>County of Annapolis.</i>									
1	Margaretville.....	8	20	138	588	70	310	410	83	400
2	Port George.....	10	80	92	369	35	221	267	50	650
3	Port Lorne.....	6	50	138	587	70	310	368	67	400
4	Hampton.....	6	30	38	130	.....	99	267	40	270
5	Phinneys Cove.....	.....	120	.....	640	70	310	433	40	1200
6	Parkers Cove.....	.....	200	235	909	115	798	1166	117	2800
7	Hilsburne.....	.....	190	138	587	55	415	600	83	1000
8	Leitchfield.....	.....	195	108	431	50	650	1333	133	500
9	Port Wade.....	.....	56	138	587	810	900	1500	117	200
10	Victoria Beach.....	.....	205	270	1000	1350	883	2000	134	200
11	Clements Port and Deep Brook.....	.....	.....	178	83	523	15	198	31	60
12	Annapolis, Lequelle and Nictaux Rivers	24	.....	.....	.....	.....	.....	.....	.....	.....
	Totals.....	54	1146	1473	5911	3148	4911	8532	895	7680
	Rates.....	\$ 20	15	2	6	2.50	5	4	4	1
	Values.....	\$ 1080	17190	2946	35466	7870	24555	34118	3580	7680
	Total value.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Cwt. =100 lbs.

SESSIONAL PAPER No. 22

MARKTED.

in a fresh, dried, pickled, canned, &c., State, for the County of **Annapolis**, Province
the Year 1912-13.

Herring, pickled, brls.	Herring, used as bait, brls.	Mackerel, fresh, cwts.	Mackerel, salted, brls.	Shad, fresh, cwts.	Halibut, fresh, cwts.	Flounders, fresh, cwts.	Trout, fresh, cwts.	Bass, fresh, cwts.	Eels, fresh, cwts.	Tom-cod, fresh, cwts.	Squid, used as bait, brls.	Clams and Quahaugs, fresh, brls.	Tongues and Sounds, pickled and dried, cwts.	Fish oil, gals.	Number.
100	50	12	6	.....	.....	.....	.....	.....	.....	.....	8	.....	25	700	1
183	50	7	6	.....	.....	.....	.....	.....	.....	.....	10	.....	25	600	2
100	50	3	4	.....	.....	.....	.....	.....	.....	.....	7	.....	25	610	3
23	5	3	4	.....	.....	.....	.....	.....	.....	.....	5	.....	10	300	4
200	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35	800	5
600	200	.....	.....	.....	550	.....	.....	.....	.....	.....	.....	.....	50	1300	6
334	150	.....	.....	.....	155	.....	.....	.....	.....	.....	.....	.....	36	800	7
100	100	.....	.....	.....	500	.....	.....	.....	.....	.....	.....	.....	28	600	8
.....	100	.....	.....	.....	300	.....	.....	.....	.....	.....	.....	.....	30	800	9
.....	150	.....	.....	.....	1000	15	.....	.....	.....	10	.....	291	60	1300	10
.....	6	.....	.....	.....	.....	10	500	25	30	.....	.....	3500	.....	.....	11
.....	.....	.....	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
1640	961	25	20	20	2505	25	500	25	30	10	30	4291	324	7810	
4.50	2	3	6	10	8	2	15	10	1	2	4	1.40	4	.35	
7380	1962	75	120	200	20040	50	7500	250	30	20	120	6007	1296	2733	

.....\$182,268

THE

RETURN showing the quantities and Values of all Fish caught and landed in a Green

Number.	Fishing Districts.	Salmon, cwts.*	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.	Herring, value.	Shad, cwts.	Shad, value.	Alewives, cwts.
	<i>County of Kings.</i>		£		£		£		£		£		£		£	
1	Morden and vicinity....	39	585	5	60	20	40	....	....	200	400	130	130	....	....	....
2	Victoria Harbour and Ogilvie Wharf.	20	300	10	120	8	16	....	....	100	200	50	50	....	....	....
3	Harbourville.	350	5250	....	....	8	16	....	....	10	20	765	765	....	....	....
4	Canada Creek.	300	4500	70	840	290	540	25	37	50	100	3860	3860	....	....	....
5	Chipman's Brook and Hunting Point.	50	750	8	96	23	46	....	....	10	20	950	950	....	....	....
6	Hall's Harbour.	65	975	20	240	340	680	31	46	140	280	2860	2860	30	300	....
7	Race Point and Sheffield Vault.	35	525	....	....	....	....	....	....	....	....	970	970	20	200	....
8	Baxter's Harbour.	25	375	....	....	250	500	108	162	56	112	985	985	30	300	....
9	Whalen Beach and Well's Cove.	75	1125	....	....	....	....	....	....	....	....	970	970	....	....	....
10	Scott's Bay.	100	1500	15	180	145	290	....	....	100	200	500	500	75	750	....
11	Blomidon and Kingsport Starr's Point to Wolfville	....	....	....	....	....	....	....	....	....	....	250	250	25	250	....
12	Upper Gaspereau and all inland waters.	60	700	....	....	....	....	20	30	....	....	....	....	6	60	2768
	Totals	1119	16585	128	1536	1084	2128	184	275	666	1332	12290	12290	186	1860	2768

*Cwt. =100 lbs.

SESSIONAL PAPER No. 22

CATCH.

State in the County of **Kings**, Province of **Nova Scotia**, during the Year 1912-13.

Alewives, value.	Halibut, cwts.	Halibut, value.	Flounders, cwts.	Flounders, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Mixed fish, cwts.	Mixed fish, value.	Squid, bris.	Squid, value.	Clams, bris.	Clams, value.	Number.
\$		\$		\$		\$		\$		\$		\$		\$	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	10	100	.....	.....	.....	.....	.....	.....	.....	.....	50	100	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	5	50	.....	.....	.....	.....	.....	.....	.....	.....	25	50	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	100	50	.....	.....	.....	.....	100	50	25	50	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
2768	.....	.....	.....	.....	5	25	24	24	.....	.....	.....	.....	10	25	13
2768	15	150	100	50	5	25	24	240	100	50	100	200	10	25	

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the County of Kings, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing District.	Salmon, fresh and frozen,* cwt.	Lobster, shipped in shell, cwt.	Cod, fresh, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Pollock, dried, cwt.	Herring, pickled, brl.	Herring, used as bait, brl.	Shad, fresh, cwt.	Alewives, fresh, cwt.	Alewives, salted, brl.	Halibut, fresh, cwt.	Flounders, fresh, cwt.	Smelts, fresh, cwt.	Trout, fresh, cwt.	Mixed fish, fresh, cwt.	Squid, used as bait, brl.	Clams and Quahaugs, fresh, brl.	Number.
1	Morden and vicinity	39	5	10	3	66	30	20	3	20	3	3	3	3	3	3	3	3	3	1
2	Victoria Harbor and Ogilvie Wharf.	20	10	5	1	34	13	3	1	3	1	1	1	1	1	1	1	1	1	1
3	Harbourville	350	5	5	1	3	232	35	35	35	35	35	35	35	35	35	35	35	35	1
4	Canada Creek	300	70	50	81	17	1195	138	41	138	41	41	41	41	41	41	41	41	41	1
5	Chipmaw Brook and Hunting Point	50	8	20	1	4	290	41	41	41	41	41	41	41	41	41	41	41	41	1
6	Halls Harbor	65	20	100	80	31	47	860	140	30	30	30	10	10	10	10	10	10	10	1
7	Race Point and Sheffield Vault	35	20	10	80	108	17	320	13	30	30	30	5	5	5	5	5	5	5	1
8	Baxter's Harbor	25	10	10	80	108	17	320	13	30	30	30	5	5	5	5	5	5	5	1
9	Whalen Beach and Well's Cove	75	15	23	40	34	157	10	33	75	75	75	100	100	100	100	100	100	100	1
10	Scotts Bay	100	15	23	40	34	157	10	33	75	75	75	100	100	100	100	100	100	100	1
11	Blonidon and Kings Port	60	15	23	40	34	157	10	33	75	75	75	100	100	100	100	100	100	100	1
12	Stairs Point to Wolfville	60	15	23	40	34	157	10	33	75	75	75	100	100	100	100	100	100	100	1
13	Upper Gasperaux and Inland water.	60	15	23	40	34	157	10	33	75	75	75	100	100	100	100	100	100	100	1
	Totals	1119	128	223	287	184	221	3770	480	186	413	785	15	100	5	24	100	100	10	10
	Rates	15	12	4	6	1.50	5	5	3	10	1	4	10	1	5	10	.50	2	2.50	2.50
	Values	16785	1536	892	1722	276	1105	18850	1440	1860	412	3140	150	100	25	240	50	200	25	25
	Total value																			\$ 48,800

*Cwt. - 100 lbs.

SESSIONAL PAPER No. 22

RECAPITULATION

OF the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for District No. 3, province of Nova Scotia, during the year 1912-13.

Kinds of Fish.	Caught and landed in a Green State.		Marketed.		Total Marketed value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon cwts.	1,698	27,276	1,698	28,179	28,179
" used fresh and frozen					
Lobsters "	129,222	1,228,123	29,269	580,601	
" canned cases.			56,141	813,672	
" shipped in shell cwts.					1,394,273
Cod "	639,095	751,127	44,586	88,299	
" used fresh "			20,964	66,534	
" shipped green-salted "			200,839	1,191,073	
" dried "					1,345,906
Haddock "	239,880	433,620	51,018	104,623	
" used fresh "			32,404	177,610	
" smoked "			7,558	45,348	
" canned "			37,570	136,818	
" dried "					464,404
Hake and Cusk "	167,993	168,184	23,492	21,306	
" used fresh "			48,174	187,365	
" dried "					208,771
Pollock "	55144	53,303	2,628	2,628	
" used fresh "			17,501	64,556	
" dried "					67,184
Herring "	218,105	184,318	50,990	72,363	
" used fresh "			6,644	36,152	
" smoked "			23,746	96,011	
" pickled brls.			41,240	77,093	
" used as bait "			50	25	
" used as fertilizer "					281,644
Mackerel cwts.	45263	244967	30,464	184,371	
" used fresh "			4,930	51,162	
" salted brls.					235,533
Shad cwts.	252	2,295	252	2,516	
" used fresh "					2,516
Alewives cwts.	2939 1	29,489	17,997	26,006	
" used fresh "			3,816	12,374	
" salted brls.					38,380
Scallops cwts.	1,000	3000	320	1,600	
" canned cases.			680	2,040	
" used fresh cwts.					3,640
Halibut cwts.	14,129	97,829	14,129		106,458
Flounders "	226	389	226		815
Smelts "	403	4,532	403		4,614

RECAPITULATION.

OF the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for District No 3, Province of Nova Scotia, during the year 1912-13—*Continued.*

Kinds of Fish.	Caught and landed in a Green State.		Marketed.		Total Marketed value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Trout..... cwt.	596	8,460	596	8,460	8,460
Albacore..... "	1,890	4,575	1,890	8,733	8,733
Bass..... "	25	250	25	250	250
Eels..... "	687	3,061	687	3,972	3,972
Tom-cod..... "	20	40	20	40	40
Swordfish..... "	1,696	8,294	1,696	13,167	13,167
Mixed Fish..... "	5,630	3,840	5,630	6,015	6,015
Squid..... brls.	226	597	226	622	622
Clams and Quahaugs..... "	20,043	28,383			
" used fresh..... "			20,043	29,974	29,974
Tongues and Sounds..... cwt.			1,658	7,966	7,966
Hair Seal Skins..... number.			75	75	75
Fish Oil..... gallons.			37,920	12,396	12,396
Fish glue material..... tons.			1,010	17,170	17,170
Periwinkles..... cwt.	658	987	658	1,645	1,645
Dulse..... "	391	1,955	130	1,955	1,955
Totals.....		3,288,894			4,294,657

SESSIONAL PAPER No. 22

RECAPITULATION.

OF the Number of Fishermen, etc, and of the Number and Value of Fishing Vessels, Boats, Nets, etc., in District No. 3, province of **Nova Scotia**, for the year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage 17,767).....	373	1,638,228
Boats (sail).....	3,071	88,034
" (gasoline).....	1,796	434,680
Tugs, Smacks, etc.....	58	78,350
Gill Nets.....	14,152	89,823
Seines.....	359	48,362
Trap and Smelt Nets.....	377	46,931
Weirs.....	63	15,550
Trawls.....	7,535	75,327
Hand Lines.....	12,125	10,225
Lobster Traps.....	309,780	293,773
" Canneries.....	65	76,900
Freezers and Ice-houses.....	72	41,460
Smoke and Fish-houses.....	1,636	227,919
Piers and Wharves.....	644	651,600
Totals		3,818,163

Number of men employed on Vessels and Tugs.....	4,161
" " " Boats	7,400
Number of persons employed in Fish-houses, Freezers, Canneries, etc.....	1,892
Total.....	13,453

RECAPITULATION

OF THE QUANTITIES and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for the whole Province of Nova Scotia, during the Year 1912-13.

Kinds of Fish.	Caught and landed in a Green State.		Marketed.		Total marketed value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon..... cwt.	7,621	86,760			
" used fresh and frozen..... "			7,474	108,933	
" canned..... cases.			89	623	
" salted..... cwt.					
" mild cured..... "					
" smoked..... "			40	800	
					110,35
Lobster..... "	283,518	1,980,186			
" canned..... cases.			84,374	1,578,941	
" shipped in shell..... cwt.			71,816	970,107	
					2,549,048
Cod..... cwt.	928,105	1,076,410			
" used fresh..... "			81,664	172,477	
" shipped green-salted..... "			45,655	156,248	
" dried..... "			251,685	1,484,089	
					1,812,814
Haddock..... "	472,272	712,893			
" used fresh..... "			187,833	491,169	
" canned..... cases.			7,558	45,348	
" smoked..... cwt.			35,826	197,962	
" dried..... "			67,149	269,364	
					1,003,843
Hake and Cusk..... "	199,360	195,251			
" used fresh..... "			24,476	22,798	
" dried..... "			58,298	227,663	
					250,561
Pollock..... "	95,140	82,181			
" used fresh..... "			4,239	5,025	
" dried..... "			30,298	120,022	
					125,047
Herring..... "	376,147	330,670			
" used fresh..... "			59,346	80,719	
" smoked..... "			11,783	51,603	
" pickled..... brls.			53,590	235,557	
" used as bait..... "			65,097	120,415	
" used as fertilizer..... "			1,110	550	
					488,844
Mackerel..... cwt.	84,586	406,559			
" used fresh..... "			48,771	322,696	
" salted..... brls.			11,944	156,191	
					478,887
Shad..... cwt.	611	4,096			
" used fresh..... "			517	5,086	
" salted..... brls.			27	405	
					5,491
Alewives..... cwt.	32,883	33,284			
" used fresh..... "			20,248	31,619	
" salted..... brls.			4,233	13,994	
					45,613

SESSIONAL PAPER No. 22

RECAPITULATION

OF THE QUANTITIES and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for the whole Province of Nova Scotia, during the Year 1912-13.—*Concluded.*

Kinds of fish.	Caught and landed in a Green State.		Marketed.		Total marketed value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Halibut..... cwt.	28,216	191,015	28,216	.....	246,818
Flounders..... "	1,694	2,020	1,694	.....	4,462
Smelts..... "	4,231	23,812	4,231	.....	31,863
Trout..... "	1,036	11,531	1,038	.....	12,880
Albacore..... "	2,914	5,861	2,914	.....	12,829
Bass..... "	168	944	168	.....	1,635
Eels..... "	1,685	6,428	1,685	.....	8,992
Tom Cod..... "	717	756	717	.....	779
Swordfish..... "	6,557	32,499	6,557	.....	47,349
Mixed Fish..... "	6,129	4,232	6,129	.....	7,913
Squid..... brls.	2,818	8,622	2,818	.....	10,779
Oysters..... "	2,726	10,698	2,726	.....	14,740
Clams and Quahaugs including Scallops..... "	27,536	38,198	.....	.....	.....
" " " used fresh. "	.....	.....	27,066	44,750	.....
" " " canned..... "	.....	.....	470	2,275	47,025
Dulse, Cockles & other shell fish..... cwt.	1,049	2,942	* 788	.....	3,600
Tongues and Sounds..... "	.....	.....	1,758	.....	8,921
Hair Seal Skins..... "	.....	.....	178	.....	193
Fish Oil..... gals.	.....	.....	104,158	.....	36,483
Whale Oil..... "	.....	.....	300	.....	120
Fish—Glue material..... tons.	.....	.....	1,010	.....	17,170
Totals .....	.....	5,247,848	.....	.....	7,334,055

* The Dulse included is dried.

4 GEORGE V., A. 1914

RECAPITULATION

OF THE NUMBER of Fishermen, etc., and of the Number and Value of Fishing Vessels, Boats, Nets, etc., in **the whole** Province of **Nova Scotia**, for the Year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage, 22,560).....	623	1,824,183
Boats (sail).....	9,812	313,426
" (gasoline).....	2,742	645,690
Tugs, Smacks, etc.....	175	159,155
Gill Nets.....	59,041	435,546
Seines.....	776	178,477
Trap and Smelt Nets.....	935	95,754
Weirs.....	75	15,960
Trawls.....	13,197	138,104
Hand lines.....	26,932	20,322
Lobsters traps.....	801,267	695,912
" canneries.....	210	230,850
Freezers and ice-houses.....	204	263,885
Smoke and fish-houses.....	4,041	493,992
Piers and wharves.....	1,612	1,020,354
Total.....		6,531,590

Number of men employed on Vessels and Tugs.....	5,678
" " Boats.....	15,765
" persons employed on Fish-houses, Freezers, Canneries, &c....	5,095
Total.	26,538

APPENDIX No. 4.

NEW BRUNSWICK

District No. 1.—Comprising the counties of Charlotte and St. John. Inspector, John F. Calder, Campobello.

District No. 2.—Comprising the counties of Albert, Westmorland, Kent, Northumberland, Gloucester and Restigouche. Inspector, R. A. Chapman, Moncton.

District No. 3.—Comprising the counties of Kings, Queens, Sunbury, York, Carleton, Victoria and Madawaska. Inspector, H. E. Harrison, Fredericton.

REPORT ON THE FISHERIES OF DISTRICT No. 1.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to present herewith my seventh annual report on the fisheries of District No. 1, province of New Brunswick, consisting of the counties of Charlotte and St. John, together with the statistics of the different subdivisions.

The value of the yield for this year is \$1,612,599, against \$2,092,353 for the previous year. The year 1911-12, however, was a phenomenal one for the fishing industry of this section, and, while the value of the catch for the past year falls \$479,954 behind that for the previous year, it, at the same time has been a good year for the fishermen; in fact the value of the yield for this year is greater than that of any one for the last ten years, excepting, of course, 1911-12. The depreciation in the value of this year's yield must not be attributed to a falling off in the supply of fish, but rather to the depression in the United States canned sardine markets. Owing to over production of canned sardines during the previous year, the American markets became overstocked and prices took a tremendous slump. This, of course, meant that American sardine herring buyers at the weirs in this district would not be very anxious for fish and would only pay low prices for what they did buy. As a result of these circumstances, I am placing the valuation of sardines at \$1 per barrel, instead of \$2 as in the past. The value of sardines at the wiers this year was \$280,282. If the usual prices were paid, these same fish would have brought \$560,564. All other branches, excepting pollock, were good—some exceptionally good.

HERRING.

There is a falling off in the value of the large herring fishery, although there is an increase in the catch; poor prices being the rule. The chief item under this heading is the smoked herring industry at Grand Manan and, while the output of these was practically the same as last year, owing to the high prices during 1911-12, the total value of cured herring during that year was \$286,209 against \$196,793 for this year. The amount of barrelled pickled herring gets less each year.

SARDINES.

At the beginning of this report I have at some length explained the outstanding features of this branch during the present year, and can only add that in addition to

4 GEORGE V., A. 1914

the low prices paid the fishermen, and consequent poor returns, there were thousands of hogsheads allowed to pass out of the weirs, as there were no markets for them. This unfortunate phase was particularly true of St. John county. The fishermen having done well by seining sardines there during the past few seasons, when prices were good, built a number of new weirs so that they could more successfully prosecute the fishery. But, as the American buyers were not carrying on operations with their usual vigor, they confined their purchasing area to the weirs close at hand—in Charlotte county—and the St. John men had very few opportunities to sell. The output of the Charlotte county canneries was fully up to the average, the pack being 84,977 cases, valued at \$424,885. I am pleased to be able to report, however, that at this writing the markets for sardine herring are excellent, the immense new cannery at Chamcook is running and sardine herring are now bringing from \$2 to \$2.50 per barrel. Therefore, it is safe to presume that market conditions will continue good for all the season and the St. John county weir men, and those from Charlotte county as well, will be afforded opportunities to sell their catches at remunerative prices.

SALMON.

The salmon catch has remained practically stationary during the past two years, 3,353 cwts. valued at \$50,295 during 1911-12 and 3,295 cwts for this year, valued at \$49,425.

LOBSTERS.

It is extremely gratifying to be able to report a large increase in both the yield and value of this fishery. In 1911-12 the catch was 8,539 cwts. worth \$128,085, against 12,410 cwts. valued at \$186,150 for this year. In my opinion, the Department of Marine and Fisheries is responsible for the condition of the lobster fishery to a greater extent than it is in any of the other branches. The other kinds come in from the ocean, at certain seasons, and all that are not taken depart again, either to return to the off shore grounds or else along the American shores on their way to warmer waters. No matter which of these routes they take they find many fishermen waiting for them, and, no doubt, very few ever come back again. Not so with the lobsters. They may be compared with our domestic animals. They are hatched and reared, live and die right off our own shores, and, are therefore the particular wards of the department, if I may use the term. The present size limit $3\frac{3}{4}$ inches length of carapace has done wonders for the lobster fishery in this district. The value of the catch for 1910, which was the last year of the nine-inch size limit, was only \$77,860, while the value of this year's catch, as above stated, reaches the magnificent total of \$186,150, an increase of nearly one hundred and fifty per cent. Flattering as these figures are, there is still room for improvement—not in the regulations, but in the enforcement of them. Being situated so close to the American border it is comparatively easy for fishermen with fast motor boats to slip over on the other side with small lobsters. As the State of Maine size limit is the same as ours, the lobsters are not marketed there. But being protected by the 'Through Bill of Lading,' which the fisherman makes out en route, they pass through Maine to their destination in either Boston or New York. I am pleased that your department has taken up this matter of 'Through Bills of Lading,' with the United States authorities, and am in hopes that your efforts will be successful, and this great avenue through which quantities of small lobsters have passed, be shut off. If these 'Bills of Lading' would not be recognized by the State of Maine officials, it would be much easier for our officials to carry out the law. Every dollar spent by your department for lobster protection adds to the value of the fishery. With the new patrol boats to be built, I am in hopes of having much better means for looking after the lobsters than heretofore.

SESSIONAL PAPER No. 22

COD, HAKE, HADDOCK AND POLLOCK.

There was a noticeable increase in the cod catch, 18,160 cwts. in 1911-12 and 25,253 this year. Hake increased from 79,412 during the previous year to 97,524 this season. There is an increase in the reported catch of haddock. The figures given being 10,382 cwts. for 1911-12 and 20,532 cwts. this year. These figures are somewhat misleading, as the fishermen sell their small cod fresh with the haddock and report them to the officers as being all haddock. As a matter of fact, haddock are becoming scarcer each year. This, no doubt, is due to the large fleet of American and Canadian fishing vessels operating in the mouth of the Bay of Fundy all the year round and catching up the haddock before they can enter the inshore waters. Pollock were not so plentiful as during the previous year. Our fishermen are very apprehensive as to the future of this important fishery. They fear that unless the United States Government take steps to stop purse seining and carry out the laws against using explosives to kill fish, our pollock fishery will become depleted.

ALEWIVES.

There was a large increase in the catch of alewives, compared with the previous season.

VALUE OF MATERIALS USED IN THE FISHING INDUSTRY.

There is a large increase in the value of the vessels, boats, weirs, canneries, &c. The value for 1911-12 was \$1,404,372 and \$1,858,844 for this year. The number of persons engaged in the industry, either as fishermen or employees, increased from 3,477 to 3,910. The large increase in the value is almost entirely due to the erection of the immense sardine plant by the Canadian Sardine Company, Limited, at Chamcook. The value of this plant is given as being \$257,000, and their fleet of sardine carriers at \$37,500. The number of motor boats used by the fishermen increased from 681 to 780, and their value from \$172,425 to \$216,400. I may add that I believe we have the best fleet of motor fishing boats to be found anywhere in the world. However, there should be regulations compelling the owners to equip them with effective mufflers.

CONCLUSION.

Generally speaking, the regulations were very well carried out. Some lobster fishing was done during the close season. The resident fishery officers can do very little toward preventing violations of this nature. Patrol boat No. 2 had all of this work to do. As she is slow and can only go in good weather, it was impossible for her crew to keep all of the fishermen from putting out traps. I am anticipating very little fishing during the close seasons after the new patrol boats are off. As you are aware, death has claimed Captain Silas Mitchell, of Patrol Boat No. 2. Mr. Mitchell was a capable and efficient officer, and his loss will not only be felt in the service, but in the community in which he lived as well.

Once again I desire to thank both you and the officials of the department for courteous treatment during the year.

I am, sir,

Your obedient servant,

J. F. CALDER,

Inspector of Fisheries.

REPORT ON THE FISHERIES OF DISTRICT No. 2.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my report on the fisheries of District No. 2, in the province of New Brunswick, for the fiscal year 1912-13, also returns of the catch with disposition of the same, and an estimate of the capital employed in the prosecution of these fisheries, together with the number of persons engaged therein. These returns show an aggregate value of \$2,611,333, which is \$150,422 less than the value for last year, owing to there being a large falling off in all kinds of shellfish, which was at least partly caused by bad weather.

SALMON.

More were caught than during the previous year, notwithstanding the unfavourable season, and they were reported as exceedingly plentiful on the spawning grounds last fall. The extension of time for fly fishing is strongly objected to by net fishermen.

SHAD.

This fishery continues to decrease and I am afraid will continue to do so, notwithstanding commissions, &c., unless a close time is established while they are spawning. Even the proposed help of hatcheries appears problematical.

HERRING.

Immense quantities were taken as usual for all purposes, many being smoked in the large houses erected for that purpose at Baie Verte, Point du Chene, &c.

MACKEREL.

Fishing for these is now prosecuted very successfully, with large gasoline boats on several parts of our coasts, and many more such craft will be engaged in it, in the coming season than heretofore.

COD.

Bad weather and in some cases shortage of bait, interfered with this very important fishery, still the catch was fully an average one.

SMELTS.

More were taken than for several years past, reaching to nearly 8,000,000 lbs. (4,000 tons). The importance of this coming in the winter season, when there is scarcely any other fishing being prosecuted, can hardly be overestimated; it means hundreds of thousands of dollars paid out to the inhabitants just when most needed, and I do not believe these little fish are at all diminishing in numbers, notwithstanding that many times more of them are eaten by other fish than are caught.

SHELLFISH.

It is certainly to be hoped that the present commission, composed of men of large experience, may work out something to benefit these permanently. There is little

SESSIONAL PAPER No. 22

doubt, fall fishing for lobsters after all spawning is done for the season, would make it difficult to fish them out.

As to oysters, the cultivation of suitable ground where none exist now, even in locations where this is amongst live beds, would not only make such ground productive, but would vastly increase the output of such live beds from the spat that would be carried onto them from such freshly cultivated areas. Extensive cultivation which has been so successfully carried on in other countries can alone save and restore the oyster.

The catch of other kinds of fish was about an average one, with very high prices.

I am, sir,

Your obedient servant,

R. A. CHAPMAN,

Inspector of Fisheries.

REPORT OF THE FISHERIES OF DISTRICT No. 3 (INLAND).

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my eleventh annual report on the condition of the fisheries in the inland waters of New Brunswick, for the fiscal year 1912-13, together with a statistical statement of the quantity and value of fish taken, the material used, and the number of persons temporarily engaged therein.

By a more systematic, and I trust a more correct method of gathering the statistics, I doubt not that this report is about as nearly correct as it is possible to get it.

While I have always advised my officers, and have tried to get as near to the truth about the different catches myself, as possible, I have, where estimating has to be done, as it has in the case of trout, and some others, been careful to try and make the statistics as reliable as possible.

I am pleased to state that the financial result for the past year shows a betterment of over eight thousand dollars over that of 1911-12, as may be seen by the following:—

Years.	Value of fish.	Value of materials.
1911-12	\$32,049	\$43,913
1912-13	40,132	39,595

While this sum of money (\$40,000) is not a great one, when distributed amongst quite a number of people, it must be remembered that a comparatively small number of them give a great amount of time to the fisheries, suffer little hardships, with practically no risk to life or limb, and while the value of material is about equal to the annual catch of fish, none of the material has to be renewed each season, and some of it lasts for years.

The season was not considered favourable for salmon fishing, nevertheless the general result appears to have been quite satisfactory.

I think there is no doubt but that this fishery has very much improved in these waters within the last decade.

There was quite a number of salmon taken with the fly, at different pools in the St. John river between Fredericton and Grand Falls, and some excellent sport was enjoyed.

I believe there are hundreds of places along this beautiful river where sport of this nature might be enjoyed if it were but tried at the proper height of water, as these fish pass up in easy stages and stop in the different pools as they go.

The trout fishing was quite satisfactory last season. This sport, of course, appeals to the great majority of fishermen, as it costs very little to outfit, and almost every brook has its quota of trout. The best fishing is to be found, of course, farthest from the settled districts.

Much could be done to improve fishing if trout fry could be conveniently had and placed in some of the better streams.

I would respectfully call attention to the suggestion respecting this matter in Overseer McKay's report, which will be found embodied herein.

The shad fishery was fairly satisfactory, considering the condition it has been in for some years.

I trust that good results will follow the operations of the floating hatchery, that it will be followed up for some years at least, and that if results justify such, it will be a permanent affair.

The great run of alewives last season was one of the remarkable features in connection with the St. John river fisheries. They were late running, and only for a short time, but in that time the accustomed fishing grounds appeared to be literally alive with them and great hauls were made for which good prices were obtained.

Sturgeon, pickerel and bass show an increased catch, and I trust that this is an indication, respecting sturgeon and bass, at least of a permanent increase, and that they will come to somewhere near what these fisheries were years ago, before proper regulations were enacted for their protection.

Reports from my officers all indicate that the fisheries of this district, with the exception of that for shad, are holding their own, and some materially improving.

Local conditions affect the catches in some districts, and cause fluctuations, but, speaking generally, the future appears encouraging.

Overseer McKay, York county, reports:—

'I am pleased to be able to say that salmon were never so plentiful in the St. John river during my term of office as in the past season; but the catch was not so large as it might have been, in consequence of the very heavy freshets that prevailed during the season, preventing fishermen setting their nets for a considerable portion of the time.

Shad showed some increase; but the high water hindered the fishery until the last few days of the season; hence the catch was very little above last year.

Trout, gaspereaux, &c., showed no material change from last year.

Fortunately for the local sportsmen, the open season for fly fishing was extended. This extension was much appreciated, and there was taken a goodly number of fine salmon, some of which weighed upwards of twenty pounds.

I again call attention to the necessity of installing a trout hatchery at some central place within easy reach of our lakes and small streams, so that there might be put into them such a supply of this sporting fish as to induce foreigners—as also natives—to visit these waters in the summer and spend their money building cottages, employing guides, and purchasing provisions and other necessities. Salmon frequent only certain rivers, while every stream has some trout, and if these streams were well stocked with trout they would be sought by many sportsmen who would not go a long distance to a salmon river.'

I had the good fortune last season to be able to visit the head waters of one of the branches of the Tobique river, the natural breeding waters of, what some say, is the finest salmon in Canada.

This was made possible, partially by the kindness of the Tobique salmon club making all arrangements and standing part of the expense of my trip, together with Mr. Donald Fraser, jr., of Plaster Rock, lessee of part of the Tobique waters, who allowed me the use of his lodge at the head waters, and brought me out from the

SESSIONAL PAPER No. 22

'Forks' of the Tobique in his motor car to his home, some thirty odd miles. Mr. Fraser has re-leased his part, with the exception of one pool, to the club.

The Tobique salmon club, undoubtedly, has had a large share in the preservation and improvement of the salmon fishery, not only of the Tobique waters, but of the whole of the St. John waters, by the very efficient protective service on the Tobique, for about twenty years, leasing it when at a very much fished-out state, and by large expenditures of money and good management, bringing it back to a grand salmon river.

Mr. Thomas F. Allen, superintendent for the Tobique club, is proud, as well he may be, of the results of his management for all these years.

Plans are made and the material is on the ground for the construction of two fishways for obstructions in the Salmon river, Victoria county.

These will be built as soon as the water gets low enough to do the work.

Although this stream is not so large as the Tobique, and goes very low in a dry season, the water is cold and beautiful; there are dozens of splendid pools and with continuous stocking with fry, and proper protection it is hoped to make it a very valuable sport fishing stream.

Plans are made and orders given, also, for fishways to be placed in two dams in the Nashwaak river, York county. These are to be built the present season. This river is reported to have been a great salmon river years ago, but the immense quantities of lumber brought down it for half a century or more has so broken down the banks and filled up and widened the bed of the river, that in a dry season, salmon find it difficult to navigate it. However, there are some good pools and we hope for good results there also.

A small supply of salmon fry was placed in the Nashwaak last season and more has been applied for, for the same purpose this season.

In closing this report I wish to express my appreciation for kindly and patient treatment by all officials with whom I have had dealings.

I have the honour to be, sir,

Your obedient servant,

H. E. HARRISON,

Inspector of Fisheries.

SESSIONAL PAPER No. 22

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the Counties of **Charlotte** and **St. John**, Province of **New Brunswick**, during the Year 1212-13.

Number.	Fishing Gear						Canneries.						Other Material.						Persons Employed in Canneries, Freezers and Fish-houses.		
	Trawls.		Hand Lines.		Lobster Traps.		Lobster.		Sardine.		Clam.		Freezers and Ice-houses.		Smoke and Fish-houses.		Piers and Wharves.			Pile Drivers and Reels.	
	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		Number.	Value.
County of Charlotte.																					
1	60	3000	55	1500	1500	.....	.....	.....	3	10000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	12	270	150	75	1925	1925	.....	.....	3	90000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	6	100	300	300	575	575	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	104	2080	1110	13800	13800	.....	.....	.....	1	257000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	90	2000	500	1100	800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	20	400	350	900	900	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	292	7850	2165	1810	20100	19800	4	8500	6362000	8	19200	9	11900	632	189915	240	123050	502	18350	1168	
Totals.....																					
County of St. John.																					
1	.....	.....	.....	.....	600	600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	25	450	.....	.....	1500	1500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	20	600	.....	.....	2600	2600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	.....	.....	.....	.....	1050	1050	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	.....	.....	14	14	760	760	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tynemouth to Albert County.....																					
Totals.....																					
Grand Totals.....																					

Not operated.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the Counties of Charlotte and St. John, province of New Brunswick, during the year 1912-13.

Fishing Districts.	Number.	Salmon, cwts. *	Salmon, value.	LOBSTERS, cwts.	LOBSTERS, value	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Shad, cwts.	Shad, value.	Alewives, cwts.	Alewives, value.	Number.
<i>Charlotte County.</i>																						
1 Lepreau to Red Head	1	.....	.....	546	8190	45	90	.....	20550	40320	30240	15	15	2000	1500	.....	.....	.....	.....	.....	.....	1
2 Red Head to L'Etang	2	.....	.....	914	13710	2750	5500	11820	20550	.....	.....	500	500	20100	15075	50	250	150	750	.....	.....	2
3 L'Etang to St. George	3	.....	.....	307	4605	2045	4090	672	1680	832	624	3975	3975	52	39	.....	.....	.....	.....	.....	.....	3
4 St. George to St. Stephen	4	.....	.....	170	2550	.....	.....	430	1075	460	345	.....	.....	316	237	.....	.....	.....	.....	.....	.....	4
5 Grand Manan	5	.....	.....	6841	102315	17738	35476	810	2025	22640	16980	7244	7244	155724	116793	84	420	.....	.....	.....	.....	5
6 Campo Belle	6	.....	.....	470	7050	1945	3890	6400	16000	27000	20250	30220	30420	4200	3150	.....	.....	.....	.....	.....	.....	6
7 West Isles	7	.....	.....	1050	15750	420	840	400	1000	80	60	6000	6000	3240	2430	.....	.....	.....	.....	.....	.....	7
Totals .....		.....	.....	10298	154470	24943	49886	20532	51330	91332	68499	47354	47354	185632	139224	134	670	150	750	.....	.....
<i>St. John County.</i>																						
1 St. John Harbour	1	960	14400	430	6450	.....	.....	.....	.....	.....	.....	.....	.....	3376	2532	.....	.....	1260	6300	58000	58000	1
2 Lepreau to Chance Harbour	2	450	6750	555	8325	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
3 Chance Harbour to St. John	3	1880	28200	551	8265	40	80	.....	.....	2912	2184	.....	.....	.....	.....	.....	.....	410	2050	2080	2080	3
4 Mispec to Lynemouth-Creek	4	.....	.....	326	4890	268	536	.....	.....	3280	2460	.....	.....	120	90	.....	.....	.....	.....	.....	.....	4
5 Tynemouth to Albert County	5	5	75	250	3750	2	4	.....	.....	.....	.....	.....	.....	72	54	.....	.....	.....	.....	.....	.....	5
Totals		3295	49425	2112	31680	310	620	.....	.....	6192	4644	.....	.....	3568	2676	.....	.....	1670	8350	60080	60080	

* Cwt. = 100 liv.

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the Counties of Charlotte and St. John, province of New Brunswick, during the year 1912-13—*Concluded*.

Fishing Districts.	Number.	Sardines, brls.	Sardines, value.	Halibut, cwt.	Halibut, value.	Flounders, cwt.	Flounders, value.	Smelt, cwt.	Smelt, value.	Belts, cwt.	Belts, value.	Squid, brls.	Squid, value.	Scallops, brls.	Scallops, value.	Clams, brls.	Clams, value.	Cockles, cwt.	Cockles, value.	Dulse, cwt.	Dulse, value.	Number.
<i>Charlotte County.</i>																						
1 Lepreau to Red Head.....	20970	20970	20970														13950					1
2 Red Head to L'Etang.....	13236	13236	13236					50	500					500	750	3100	3100					2
3 L'Etang to St. George.....	58480	58480	58480			40	60	316	3160			12	48			3020	3020					3
4 St. George to St. Stephen.....	72630	72630	72630			110	165	48	480							10685	10685	456	1140			4
5 Grand Manan.....	50366	50366	50366									100	400			2365	2365			2640	2640	5
6 Camp Bello.....	2100	2100	2100									40	160			55	55					6
7 West Isles.....	49000	49000	49000						20							4000	4000					7
Totals.....	206782	206782	206782	75	750	150	225	434	2343			152	608	500	750	37175	37175	456	1140	2640	2640	
<i>St. John County.</i>																						
1 St. John Harbour.....	9000	9000	9000							60	480											1
2 Lepreau to Chance Harbour.....	500	500	500																			2
3 Chance Harbour to St. John.....	4000	4000	4000																			3
4 Mispec to Tynemouth-Creek.....																						4
5 Tynemouth to Albert County.....																						5
Totals.....	13500	13500	13500							60	480											

* Cwt. = 100 liv.

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for Counties of **Charlotte** and **St. John**, Province of **New Brunswick**, during the year 1912-13.

Fishing Districts.	Salmon, fresh and frozen, cwt.	LoBSTERS, shipped in shell, cwt.	Cod, fresh, cwt.	Cod, shipped green-salted, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Haddock, smoked, cwt.	Haddock, dried, cwt.	Hake and Cusk fresh, cwt.	Hake and Cusk dried, cwt.	Pollock, fresh, cwt.	Pollock, dried, cwt.	Herring, fresh, cwt.	Herring, smoked, ed, cwt.	Herring, pickled, brls.	Herring, canned, cases.	Herring used as bait, brls.	Number.
Charlotte County.																		
1 Lepreau to Red Head.		546	45	500	500	672	5760	100	832	13440	15	164	620	100	100	4780	1000	1
2 Red Head to L'Etang.		914	1150	50	230	430	672	100	832	13440	1407	856	70	770	100	4780	2000	2
3 L'Etang to St. George.		307	555	400	230	430	672	100	832	13440	1407	856	70	770	100	4780	25	3
4 St. George to St. Stephen		170	4530	3370	2156	92	6400	238	13340	3090	1040	2180	532	71826	770	4615	50	4
5 Grand Manan		6841	400	3370	2156	92	6400	238	13340	3090	1040	2180	532	71826	770	4615	4615	5
6 Campobello.		470	4530	3370	2156	92	6400	238	13340	3090	1040	2180	532	71826	770	4615	1500	6
7 West Isles		1050	400	140	400	400	1050	338	14252	25684	3000	1000	532	73166	940	4780	1500	7
Totals		10298	6680	3820	3542	7994	5760	338	14252	25684	18462	9840	532	73166	940	4780	10690	
Rates		15	2	4	6	2.50	4.80	3	.75	3	1	3.50	.75	2	5	4.80	1.50	
Value		154470	13360	15280	21252	19985	27648	1014	10689	77052	18462	34440	399	146332	4700	22944	16035	
St. John County.																		
1 St. John Harbour.	960	430	40	268	1886	551	326	250	3295	2112	310	874	280	1	280	22944	16035	1
2 Lepreau to Chance Harbour.	430	555	40	268	1886	551	326	250	3295	2112	310	874	280	2	280	22944	16035	2
3 Chance Harbour to St. John.	1886	551	268	326	250	3295	2112	310	874	280	980	399	788	3	280	22944	16035	3
4 Mispec to Tynemouth Creek.	5	250	310	874	280	310	874	280	310	874	980	399	788	4	280	22944	16035	4
5 Tynemouth Creek to Albert county.		250	310	874	280	310	874	280	310	874	980	399	788	5	280	22944	16035	5
Totals	3295	2112	310	874	280	310	874	280	310	874	980	399	788	874	280	22944	16035	
Rates	15	15	2	4	6	2.50	4.80	3	.75	3	1	3.50	.75	2	5	4.80	1.50	
Values	49125	31680	620						.75	3			735	1748	1400			

* Cwt. = 100 lbs.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for Counties of Charlotte and St. John, province of New Brunswick, during the year 1912-13.—*Continued.*

Number.	Fishing Districts.	Herring, used as fertilizer, bbls.	MacKerel, salted, bbls.	Shad, fresh, cwts.	Shad, salted, bbls.	Alwives, fresh, cwts.	Alwives, salted, bbls.	Sardines, canned, cases.	Sardines, fresh and salted, bbls.	Hallibut, fresh, cwts.	Flounders, fresh, cwts.	Smelts, fresh, cwts.	Eels, fresh, cwts.	Squid used as bait, bbls.	Scallops, fresh, bbls.	Clams, fresh, bbls.	Clams, canned, cases.	Crabs, Cockles and other shell fish fresh, cwts.	Tongues and Sounds pickled and dried, cwts.	Dulse, dried, cwts.	Fish oil, gals.	Number.	
Charlotte County.																							
1	Lepreau to Red Head.	2500	17		50			66425	20970			50				500	10850	3000		97		4500	1
2	Red Head to L'Etang.							58480	71920	40	316			12		3020	3100				380	2	
3	L'Etang to St. George.							3552	50365	110	48					995	9690	456				5000	3
4	St. George to St. Stephen.		28					2100	46000	75						2365			80		880	16000	4
5	Grand Manan.							15000				20		110		55	100	3900		130		1000	5
6	Campobello													40									6
7	West Isles.																						7
	Totals.	2500	45		50			84977	249835	75	150	434		152	500	16885	20290	456	307	880	26880		
	Rates.	\$ 1.00	15	5	15			5	1	10	1.50	10		4	1.50	1	4.80	2.50	30	6			
	Value.	\$ 2500	675		750			424885	249835	750	225	4340		608	750	16885	97392	1140	9210	5280	390		
St. John County.																							
1	St. John Harbour.					13000	15000		9000				60										1
2	Lepreau to Chance Harbour.			1260					500										12		600		2
3	Chance Harbour to St. John.			410		2080		4000											12		700		3
4	Mispec to Tynewmouth Creek.																						4
5	Tynewmouth Creek to Albert County.																						5
	Totals.			1670		15080	15000		13500				60						24		1300		
	Rates.	\$		5		1	5		1				8						30		30		
	Values.	\$		8350		15080	75000		13500				480						750		390		
Total value, Charlotte County																							
" " St. John "																							
\$1,407,351																							
205,248																							

RECAPITULATION

OF the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for District No. 1, Province of New Brunswick, during the Year 1912-13.

Kinds of Fish.	Caught and landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon..... cwt.	3,295	49,425			
" used fresh and frozen..... "			3,295	49,425	49,425
Lobsters..... "	12,410	186,150			
" shipped in shell..... "			12,410	186,150	186,150
Cod..... "	25,253	50,506			
" used fresh..... "			6,990	13,980	
" shipped green-salted..... "			3,820	15,280	
" dried..... "			3,542	21,252	50,512
Haddock..... "	20,532	51,330			
" used fresh..... "			7,994	19,985	
" smoked..... "			5,760	27,648	
" dried..... "			338	1,014	48,647
Hake and Cusk..... "	97,524	73,143			
" used fresh..... "			14,532	10,899	
" dried..... "			27,654	82,962	93,861
Pollock..... "	47,954	47,954			
" used fresh..... "			18,462	18,462	
" dried..... "			9,540	34,440	52,902
Herring..... "	189,200	141,900			
" used fresh..... "			1,512	1,134	
" smoked..... "			74,040	148,080	
" canned kippered..... cases.			4,780	22,944	
" pickled..... brls.			1,220	6,100	
" used as bait..... "			10,690	16,035	
" used as fertilizer..... "			2,500	2,500	196,793
Mackerel..... cwt.	134	670			
" salted..... brls.			45	675	675
Shad..... cwt.	1,820	9,100			
" used fresh..... "			1,670	8,350	
" salted..... brls.			50	750	9,100
Alewives..... cwt.	60,080	60,080			
" used fresh..... "			15,080	15,080	
" salted..... brls.			15,000	75,000	90,080
Sardines..... "	280,282	280,282			
" canned..... cases.			84,977	424,885	
" used fresh and salted..... brls.			263,335	263,335	688,220
Halibut..... cwt.	75	750	75		750
Flounders..... "	150	225	150		225
Smelts..... "	434	4,340	434		4,340

SESSIONAL PAPER No. 22

RECAPITULATION

OF the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc, State, for **District No. 1**, Province of **New Brunswick**, during the Year 1912-13—*Concluded*.

Kinds of Fish.	Caught and landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Eels.....	60	480	60	480	480
Squid.....	brls. 152	608	152	608	608
Scallops.....	" 500	750	500	750	750
Clams and Quahaugs.....	" 37,175	37,175			
" " used fresh.....	"		16,885	16,885	
" " canned.....	cases. 456	1,140	20,290	97,392	114,277
Cockles.....	cwts. 456	1,140	456	1,140	1,140
Tongues and Sounds.....	"		331	9,930	9,930
Dulse.....	" 2,640	2,640	*880	5,280	5,280
Fish Oil.....	galls.		28,180	8,454	8,454
Totals.....		998,648			1,612,599

* Dried.

RECAPITULATION

Of the Number of Fishermen, etc., and of the Number and Value of Fishing Vessels, Boats, Nets, etc., in District No. 1, Province of New Brunswick, for the Year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage, 1,861).....	112	130,550
Boats (sail).....	1,431	48,840
" (gasoline).....	780	216,400
Dip Nets.....	1,122	7,360
Gill Nets.....	2,572	36,750
Seines.....	501	48,130
Smelt Nets.....	40	365
Weirs.....	474	369,300
Trawls.....	337	9,200
Hand Lines.....	2,179	1,824
Lobster Traps.....	26,610	26,310
" Canneries.....	*4	8,500
Sardine ".....	6	369,000
Clam ".....	8	19,200
Freezers and Ice-houses.....	21	108,700
Smoke and Fish-houses.....	743	239,215
Piers and Wharves.....	310	200,850
Pile-drivers and Reels.....	502	18,350
Totals.....		1,858,844
Number of men employed on Vessels and Tugs.....		340
" " " Boats.....		2,326
Number of persons employed in Fish-houses, Freezers, Canneries, etc.....		1,244
Total.....		3,910

*Not operated

SESSIONAL PAPER No. 22

DISTRICT No. 2

QUANTITY AND VALUE OF ALL FISHING GEAR, &c., USED IN THE
FISHING INDUSTRY IN THE COUNTIES OF RESTIGOUCHE, GLOU-
CESTER, NORTHUMBERLAND, KENT, WESTMORLAND, AND
ALBERT.

DISTRICT NO. 2.

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry in the Counties of Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert, Province of New Brunswick, during the Year 1912-13.

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.										Fishing Gear.						
		Vessels.			Boats.				Tugs, Smacks, &c.			Gill Nets.		Weirs.		Smelt Nets.		
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.
<i>Restigouche County.</i>																		
1	Above Dalhousie.....	1	26	800	5	45	1500	2	900	50	6	1000	8000	.....	.....	110	5500	1
2	Below Dalhousie.....	1	10	400	3	235	1200	5	6125	370	1	500	20000	.....	.....	30	1500	2
	Totals.....	2	36	1200	8	280	2700	7	7025	420	4	800	28000	.....	.....	140	7000	
<i>Gloucester County.</i>																		
3	Beresford, &c.....	1	11	400	3	450	.....	.....	10000	865	.....	.....	26000	.....	.....	1	50	3
4	Bathurst, &c.....	7	82	3000	28	320	6600	1	400	650	10	1500	4200	23000	.....	54	3300	4
5	Caraguet, &c.....	136	2360	68000	533	360	9800	1	350	730	6	500	3100	20000	.....	80	4000	5
6	Shippigan and Miscou Island.....	49	746	32700	236	380	1800	6	27000	870	.....	.....	3000	18000	.....	90	6700	6
7	Tracadie, Inkerman, &c.....	24	292	11000	98	310	4600	6	10000	600	2	3000	5100	30000	.....	209	10160	7
	Totals.....	217	3491	115100	898	1820	7150	14	63400	3715	18	5000	19400	117000	.....	434	24210	
<i>Northumberland County.</i>																		
8	Neguac, &c.....	3	33	1200	10	280	1200	4	8000	500	.....	.....	5000	30000	.....	226	16000	8
9	Chatham, &c.....	3	33	1500	8	160	2200	2	3420	240	1	3000	4000	25000	.....	580	40000	9
10	Baie du Vin, &c.....	6	65	2500	20	220	4500	6	4500	350	12	2500	6000	50000	.....	420	30500	10
11	North West and South West Miramichi River.....	.....	.....	.....	.....	150	1000	2	2500	175	.....	.....	2000	13000	.....	.....	.....	11
	Totals.....	12	131	5200	38	810	8900	14	18420	1265	13	5500	17000	118000	.....	1226	92500	

SESSIONAL PAPER No. 22

<i>Kent County.</i>																		
12	Richibucto, &c	4	100	310	93	24000	24000	12	16400	1	400	20	16000	7	560	15	7500	24012
13	Buctouche, &c			350	150	17500	17500	22	9300			8	7000	5	500			31513
14	Cocagne, &c			40	15	10550	10550	8	4950				8	1000				18214
	Totals	4	100	700	258	52050	52050	42	30650	1	400	31	24000	12	1060	15	7500	737
<i>Westmorland County.</i>																		
15	Shediac, &c			90	40	29940	29940	18	16850			10	11000	20	6000			42015
16	Botsford			80	30	48270	48270	23	17825			30	4000	50	4000	14	3000	96016
17	Sackville and Westmorland			75	25							30	1000	100	7000	10	2000	30017
18	Dorchester													12	240	1	500	15
	Totals			245	95	78210	78210	41	34675			70	16600	182	17240	25	5500	1680
19	Albert County					200	200							2	125			19
	Grand totals	413	3088	6100	4053	258610	258610	194	153775	2	3400	191	114900	450	56425	51	27500	5487

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the Counties of Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert, Province of New Brunswick, during the year 1912-13.

Number.	Fishing Districts.	Salmon, cwts.*	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Pollock, cwts.	Pollock, value.	Number.
	<i>Restigouche County.</i>		\$		\$		\$		\$		\$			
1	Above Dalhousie.....	1009	15135											1
2	Below Dalhousie.....	1320	19800	627	3135	1910	2865			30	30			2
	Totals.....	2329	34935	627	3135	1910	2865			30	30			
	<i>Gloucester County.</i>													
3	Beresford, &c.....	976	14640	830	4150	9400	14100							3
4	Bathurst, &c.....	934	14010	2860	14300	28478	42717							4
5	Caraquet, &c.....			1980	9900	95000	142500	1500	1500	3000	3000			5
6	Shippigan & Miscou Island.....			15750	78750	51000	76500	384	384	870	870			6
7	Inkerman, Tracadie, &c.....	454	6810	5932	29660	27000	40500							7
	Totals.....	2364	35460	27352	136760	210878	316317	1884	1834	3870	3870			
	<i>Northumberland County.</i>													
8	Neguac, &c.....	540	8100	5065	25325	1790	2685			480	480			8
9	Chatham, &c.....	1169	17535			140	210							9
10	Baie du Vin, &c.....	2040	30600	3632	18160	240	360							10
11	Miranichi River S. W. and N. W., &c.....	575	8625											11
	Totals.	4324	64860	8697	43485	2170	3255			480	480			
	<i>Kent County.</i>													
12	Richibucto, &c.....	751	11265	10275	51375	2690	4035	231	231	5900	5900			12
13	Buctouche, &c.....			5900	25000	180	270							13
14	Cocagne, &c.....			2876	14380	140	210							14
	Totals.....	751	11265	18151	90755	3010	4515	231	231	5900	5900			
	<i>Westmorland County.</i>													
15	Shediac, &c.....	48	720	6216	31080	300	450					230	230	15
16	Botsford.....			10600	53000	100	150							16
17	Sackville & Westmorland.....	18	270			75	112							17
18	Dorchester.....	130	1950			150	225							18
	Totals.....	196	2940	16816	84080	625	937					230	230	
19	Albert County.....	40	600	125	625	90	135							19
	Grand totals.....	1004	150060	71768	358840	2,8683	328024	2115	2115	10280	10280	230	230	

*Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the Counties of **Restigouche, Gloucester, Northumberland, Kent, Westmorland** and **Albert**, Province of **New Brunswick**, during the year 1912-13—*Continued.*

Number.	Fishing Districts.	Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Shad, cwts.	Shad, value.	Alewives, cwts.	Alewives, value.	Halibut, cwts.	Halibut, value.	Flounders, cwts.	Flounders, value.	Number.
	<i>Restigouche County.</i>		\$		\$		\$		\$		\$		\$	
1	Above Dalhousie.....					10	80					500	750	1
2	Below Dalhousie.....	8320	4992									300	450	2
	Totals.....	8320	4992			10	80					800	1200	
	<i>Gloucester County.</i>													
3	Beresford, &c.....	44470	26682	20	140					20	160	80	120	3
4	Bathurst, &c.....	20622	12373	14	98					15	120	120	180	4
5	Caraget, &c.....	58600	28160	360	2520					200	1600			5
6	Shippigan & Miscou Island.	73100	43860	350	2450					180	1440	100	150	6
7	Inkerman, Tracadie, &c....	45500	27300	495	3465			3800	2280	160	1280	70	105	7
	Totals.....	242292	138375	1239	8673			3800	2280	575	4600	370	555	
	<i>Northumberland County.</i>													
8	Neguac, &c.....	18400	11040	190	1330	80	640	600	360					8
9	Chatham, &c.....	65	39	450	3150	492	3936	650	390			576	864	9
10	Bay du Vin, &c.....	12200	7320	1590	11130	80	640	1860	1116					10
11	S.W. & N.W. Miramichi Rivers.....					200	1600	4500	2700					11
	Totals.....	30665	18399	2230	15610	852	6816	7610	4566			576	864	
	<i>Kent County.</i>													
12	Richibucto, &c.....	30975	18445	1880	13160	184	1472	4230	2538	5	40	362	543	12
13	Buctouche, &c.....	37800	22680	317	2219			1520	912			36	54	13
14	Cocagne, &c.....	46780	28068	80	560			250	150					14
	Totals.....	115555	69333	2277	15939	184	1472	6000	3600	5	40	398	597	
	<i>Westmorland County.</i>													
15	Shediac, &c.....	90360	54216	235	1645			425	255			120	180	15
16	Botsford.....	49400	29640	20	140			250	150					16
17	Sackville and Westmorland	28400	17040			118	944	500	300					17
18	Dorchester.....	150	90			945	7560							18
	Totals.....	168310	100986	255	1785	1063	8504	1175	705			120	180	
19	<i>Albert County.</i>	340	204	9	63	90	720							19
	Grand totals.....	565482	339289	6010	42070	2199	17592	18585	11151	580	4640	2264	3396	

*Cwt. = 100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the Counties of Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert, Province of New Brunswick, during the year 1912-13—*Continued.*

Number.	Fishing Districts.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Sturgeon, cwts.	Sturgeon, value.	Bass, cwts.	Bass, value.	Eels, cwts.	Eels, value.	Tom-cod, cwts.	Number.
	<i>Restigouche County.</i>		\$		\$		\$		\$		\$		
1	Above Dalhousie.....	3930	23580	120	960					10	60	120	1
2	Below Dalhousie.....	820	4920	20	160			10	100	40	240	50	2
	Totals.....	4750	28500	140	1120			10	100	50	300	170	
	<i>Gloucester County.</i>												
3	Beresford, &c.....	20	120	30	240			10	100	20	120	100	3
4	Bathurst, &c.	560	3360	40	320			15	150	30	180	3200	4
5	Caraquet, &c.....	2400	14400	20	160			26	260	125	750	100	5
6	Shippigan & Miscou Island.	2720	16320	10	80			35	350	48	288		6
7	Inkerman, Tracadie, &c....	4600	27600	80	640			375	3750	600	3600	120	7
	Totals.....	10300	61800	180	1440			461	4610	823	4938	3520	
	<i>Northumberland County.</i>												
8	Neguac, &c.....	7030	42180	40	320			70	700	171	1026	1000	8
9	Chatham, &c.....	15550	93300	30	240			60	600	10	60	14150	9
10	Baie-du-Vin, &c.....	13920	83520	125	1000			290	2900	30	180	530	10
11	N.W., & S.W., Miramichi, River.....	200	1200	220	1760			260	2600	360	2160	300	11
	Totals.....	36700	220200	415	3320			680	6800	571	3426	15980	
	<i>Kent County.</i>												
12	Richibucto, &c.....	5616	33696	29	232			485	4850	130	780	150	12
13	Buctouche, &c.....	8900	53400	40	320			45	450	200	1200	60	13
14	Cocagne, &c.....	2840	17040	35	280			35	350	85	510	20	14
	Totals.....	17356	104136	104	832			565	5650	415	2490	230	
	<i>Westmorland County.</i>												
15	Shediac, &c.....	6498	38988	125	1000			80	800	80	480	20	15
16	Botsford.....	3400	20400	60	480			20	200	250	1500	20	16
17	Sackville & Westmorland ..	350	5100	40	320			20	200	50	300	20	17
18	Dorchester.....			25	200	55	275			20	120	50	18
	Totals.....	10748	64488	250	2000	55	275	120	1200	400	2400	110	
19	<i>Albert County.</i>			115	920	3	15	10	100	40	240	50	19
	Grand totals.....	79854	479124	1204	9632	58	290	1846	18460	2299	13794	20060	

*Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the Counties of Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert, Province of New Brunswick, during the year 1912-13—*Concluded.*

Number.	Fishing Districts.	Tom-cod, value.	Mixed Fish, cwts.	Mixed Fish, value.	Oysters, brls.	Oysters, value.	Clams, brls.	Clams, value.	Quahaugs, brls.	Quahaugs, value.	Cockles, crabs, &c., cwts.	Cockles, crabs, &c., value.	Number.
<i>Restigouche County.</i>													
1	Above Dalhousie.....	180	40	20			10	20					1
2	Below Dalhousie.....	75	40	20			25	50					2
	Totals.....	255	80	40			35	70					
<i>Gloucester County.</i>													
3	Beresford, &c.....	150					215	430					3
4	Bathurst, &c.....	4800	10	5	80	400	40	80					4
5	Caraquet, &c.....	150			350	1750	1000	2000					5
6	Shippigan & Miscou.. Island.				13	65	1200	2400					6
7	Inkerman, Tracadie, &c.....	180			20	100	6000	12000					7
	Totals.....	5280	10	5	463	2315	8455	16910					
<i>Northumberland County.</i>													
8	Neguac, &c.....	1500			2000	10000	1060	2120					8
9	Chatham, &c.....	21225			600	3000							9
10	Baie-du-Vin, &c.....	795			2860	14300	100	200					10
11	S.W., & N.W., Miramichi River, &c.....	450											
	Totals.....	23970			5460	27300	1160	2320					11
<i>Kent County.</i>													
12	Richibucto, &c.....	225	90	45	97	485	43	86			60	60	12
13	Buctouche, &c.....	90			1278	6390	150	300	4350	8700			13
14	Cocagne, &c.....	30			850	4250	100	200	5510	11020	300	300	14
	Totals.....	345	90	45	2225	11125	293	586	9860	19720	360	360	
<i>Westmorland County.</i>													
15	Shediac, &c.....	30			1021	5105			2445	4890			15
16	Botsford.....	30			45	225	50	100	60	120			16
17	Sackville & Westmorland...	30			25	125	26	52					17
18	Dorchester.....	75					20	40					18
	Totals.....	165			1091	5455	96	192	2505	5010			
19	Albert County.....	75					12	24					19
	Grand totals.....	30090	180	90	9239	46195	10051	20102	12365	24730	360	360	

*Cwt. = 100 lbs.

THE CATCH MARKETING.
RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the Counties of Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert, Province of New Brunswick, during the year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, cwts.	Salmon, canned, cases.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod, shipped green-salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, dried, cwts.	Hake and Cusk, fresh, cwts.	Hake and Cusk, dried, cwts.	Pollock, fresh, cwts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Herring, pickled, brls.	Herring, used as bait, brls.	Herring, used as fertilizer, brls.	Mackerel, fresh, cwts.	Mackerel, salted, brls.	Number.
<i>Restigouche County.</i>																					
1	Above Dalhousie	1009																			1
2	Below Dalhousie	1320		227	60	70	20	600			30			140	460	1720	350	700			2
	Totals	2339		227	60	70	20	600			30			140	460	1720	350	700			
	Values	41922		3859	300	140	60	3000			45			140	920	6880	525	350			
<i>Gloucester County.</i>																					
3	Beresford, &c.	976		287	113	206	787	2540						270		4600	200	15000	20		3
4	Bathurst, &c.	934		1124	50	980	5130	2746						7252		750	720	4840	14		4
5	Charquet, &c.			780	30	500	1500	30500				1000		2900		4600	1700	19700	360		5
6	Shippigan and Miscou Island.			6282	451	700	1000	10100				290		5000		8500	6040	15280	350		6
7	Inkerman, Tracadie, &c.	454		2353		500	500	8500						500		6000	5000	8500	495		7
	Totals	2364		10826	288	11886	8917	6086						15022		24450	13660	63300	1239		
	Values	42552		184042	1440	23772	26751	301930				3870		15022		97800	20490	31650	12390		
<i>Northumberland County.</i>																					
8	Negouac, &c.	540		2006	50	49	80	527				160		1000		1800	4000	2000	190		8
9	Chatham, &c.	1169				10	65							15			25		450		9
10	Baie du Vin, &c.	2040		1441	30	20	110							1000		1600	1600	1600	1590		10
11	South West & N. W. Miramichi River.	575																			11
	Totals	4324		3447	80	79	255	527				160		2015		3400	5625	3600	2230		
	Values	77832		58599	400	158	765	2635				480		2015		13600	8438	1800	22300		

4 GEORGE V., A. 1914

THE CATCH MARKETING.
 RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the Counties of Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert, Province of New Brunswick, during the year 1913-14.

Fishing Districts.	Shad, fresh, cwts.	Shad, salted, brls.	Alwives, fresh, cwts.	Alwives, salted, cwts.	Halibut, fresh, cwts.	Flounders, fresh, cwts.	Smelts, fresh, cwts.	Trout, fresh, cwts.	Sturgeon, fresh, cwts.	Bas, fresh, cwts.	Eels, fresh, cwts.	Tom-cod, fresh, cwts.	Mixed fish, fresh, cwts.	Oysters, fresh, brls.	Clams and quahogs, fresh, brls.	Clams and quahogs, canned, cases.	Crabs, cockles and other shell fish, cwts.	Fish oil, gals.	Total value.	Number.
<i>Restigouche County.</i>																				
1 Above Dalhousie.	10					500	3930	120			10	120	40		10					1
2 Below Dalhousie.						300	820	20		10	40	50	40		25					2
Totals.	10					800	4750	140		10	50	170	80		35					
Values.	100					1600	47500	1400		120	400	340	80		105				109,786	
<i>Gloucester County.</i>																				
3 Beresford, &c.							20	30		10	20	100			215			250		3
4 Bathurst, &c.						15	560	40		15	30	3200	10		40			420		4
5 Caraquet, &c.						200	2400	20		26	125	100			350			10800		5
6 Shippigan and Miscou Islds.						180	2720	10		35	48				1200			8100		6
7 Inkerman, Tracadie, &c.						160	4600	80		375	600	120			200			2900		7
Totals.			200	1200		575	10300	180		461	823	3520	10	463	2635	5800		22470		
Values.			200	3600		5750	740	103000		5532	6584	7040	10	2778	7965	29000		6741	944,333	
<i>Northumberland County.</i>																				
8 Neguac, &c.	80			200			7030	40		70	171	1000			1000			220		8
9 Chatham, &c.	492		20	210		576	15550	30		60	10	14150			600					9
10 Baie du Vin, &c.	80		60	600			13920	125		290	36	530			2860					10
South W. and North W., Miramich, River.	200		300	1400			200	220		260	360	300								11
Totals.	852		386	2410		576	56700	415		680	571	15980		5460	1160			220		
Value.	8520		380	7230		1152	367000	4150		8160	4568	31960		32760	3480			66	658,448	

4. GEORGE V., A. 1914

RECAPITULATION.

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, &c., state, for District No. 2, Province of New Brunswick, during the Year 1912-13.

Kinds of Fish.	Caught and Landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon..... cwt.	10,004	150,060			
" used fresh and frozen..... "			10,004	180,072	180,072
Lobsters..... "	71,768	358,840			
" canned..... cases.			28,305	481,135	
" shipped in shell..... cwt.			1,008	5,040	486,225
Cod..... "	218,683	328,024			
" used fresh..... "			13,002	26,004	
" shipped green-salted..... "			10,262	30,786	
" dried..... "			61,729	308,595	365,385
Haddock..... "	2,115	2,115			
" dried..... "			705	2,115	2,115
Hake and Cusk..... "	10,280	10,280			
"..... "			30	45	
" dried..... "			3,417	10,251	10,296
Pollock..... "	230	230			
" used fresh..... "			230	345	345
Herring..... "	565,482	339,289			
" used fresh..... "			30,227	30,227	
" smoked..... "			19,510	39,020	
" pickled..... brls.			56,228	224,912	
" used as bait..... "			50,335	75,503	
" used as fertilizer..... "			113,440	56,720	426,382
Mackerel..... cwt.	6,010	42,060			
" used fresh..... "			6,010	60,100	60,100
Shad..... cwt.	2,199	17,592			
" used fresh..... "			1,339	13,390	
" salted..... brls.			287	4,305	17,695
Alewives..... cwt.	18,585	11,151			
" used fresh..... "			825	825	18,585
" salted..... brls.			5,920	17,760	5,800
Halibut..... cwt.	580	4,640	580		4,528
Flounders..... "	2,264	3,396	2,264		798,540
Smelts..... "	79,854	479,124	79,854		12,040
Trout..... "	1,204	9,632	1,204		290
Sturgeon..... "	58	290	58		22,152
Bass..... "	1,846	18,460	1,846		18,392
Eels..... "	2,299	13,794	2,299		40,120
Tom-cod..... "	20,060	30,090	20,060		180
Mixed Fish..... "	180	90	180		55,434
Oysters..... "	9,239	46,195	9,239		
Clams and Quahaugs..... "	22,416	44,832			
" used fresh..... "			16,466	49,398	79,148
" canned..... cases.			5,950	29,750	450
Crabs, Cockles, and other shell fish..... cwt.	360	360	360		7,059
Fish Oil..... gals.			23,530		
Totals.....		1,910,554			2,611,333

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Number of Fishermen, etc., and of the Number and Value of Fishing Vessels, Boats, Nets, etc., in **District No. 2**, Province of **New Brunswick**, for the Year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage 3,880).....	251	130,300
Boats (sail).....	5,422	173,005
" (gasoline).....	266	89,750
Tugs, Smacks, etc.....	43	17,900
Gill Nets.....	53,672	344,274
Trap and Smelt Nets.....	2,799	171,430
Weirs.....	9	900
Trawls.....	413	3,088
Hand Lines.....	6,100	4,053
Lobster Traps.....	258,610	258,610
" Canneries.....	194	153,775
Clam.....	2	3,400
Freezers and Ice-houses.....	191	114,900
Smoke and Fish-houses.....	450	56,425
Piers and Wharves.....	51	27,500
		1,549,310
Number of men employed on Vessels and Tugs.....	1,105	
" " Boats.....	10,246	
" persons employed in Fish-houses, Freezers, Canneries, &c.....	5,487	
Total	16,838	

DISTRICT No. 3, (Inland).

RETURN showing the Number of Fishermen, etc., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material used in the Fishing Industry in the Counties of **Kings, Queens, Sunbury, York, Carleton, Victoria and Madawaska**, Province of **New Brunswick**, during the Year 1912-13.

Number.	Fishing Districts.	Boats.						Gill Nets.		Eel Traps.		Hoop Nets.		Rods and Lines.		Freezers and Ice-houses.		Smoke and Fish-houses.		Number.	
		Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.		
<i>County of Kings.</i>																					
1	St. John River District	35	700	3	600	40	125	2500	10	20	.....	50	100	.....	10	100	.....	10	100	.....	1
2	Kennebecasis River District	32	320	.....	.....	20	120	1440	25	50	.....	347	495	.....	25	250	.....	25	250	.....	2
3	Belleisle Bay and River District	19	190	.....	.....	20	40	480	.....	.....	.....	60	120	.....	.....	.....	.....	.....	.....	.....	3
Totals		86	1210	3	600	80	285	4420	35	70	.....	507	715	.....	.....	.....	.....	35	350	.....
<i>County of Queens.</i>																					
4	Northeastern Section	64	704	2	375	114	270	2160	.....	.....	.....	100	250	.....	.....	.....	.....	46	368	.....	4
5	Southwestern Section	90	900	3	810	100	250	2000	.....	.....	.....	50	100	.....	50	50	.....	20	200	.....	5
Totals		154	1604	5	1185	214	520	4160	.....	.....	.....	150	350	.....	50	50	.....	66	568	.....
6	<i>Sunbury County, in all</i>	47	470	3	450	50	400	4000	25	25	.....	50	100	.....	.....	.....	.....	15	150	.....	6
<i>County of York.</i>																					
7	St. John River District	90	900	10	600	90	110	2200	.....	.....	.....	275	600	.....	.....	.....	.....	.....	.....	.....	7
8	St. Croix, Magaguadavic & Oromocto waters	110	1800	18	7000	125	.....	.....	.....	.....	.....	500	1000	.....	.....	.....	.....	.....	.....	.....	8
9	Southwest Miramichi waters	25	250	.....	.....	25	15	150	.....	.....	.....	125	250	.....	.....	.....	.....	.....	.....	.....	9
Totals		225	2950	28	7600	240	125	2350	.....	.....	.....	900	1850	.....	.....	.....	.....	.....	.....	.....
<i>County of Carleton.</i>																					
10	St. John River and Westward	50	300	.....	.....	50	35	525	.....	.....	.....	100	200	.....	.....	.....	.....	.....	.....	.....	10
11	East of St. John River	10	100	.....	.....	10	.....	.....	.....	.....	.....	50	200	.....	.....	.....	.....	.....	.....	.....	11
Totals		60	400	.....	.....	60	35	525	.....	.....	.....	150	400	.....	.....	.....	.....	.....	.....	.....

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, for the Counties of **Kings, Queens, Sunbury, York, Carleton, Victoria and Madawaska**, Province of **New Brunswick**, during the Year 1912-13—*Continued*.

Number.	Fishing Districts.	Belts, cwt.	Belts, value.	Perch, cwt.	Perch, value.	Alewives, cwt.	Alewives, value.	Shad, cwt.	Shad, value.	Mixed fish, cwt.	Mixed fish, value.	Caviare, cwt.	Caviare, value.	Number.
<i>Kings County.</i>														
1	St. John River district.....	10	50	.....	.....	160	200	45	450	30	30	1	100	1
2	Kennebecasis River district.....	65	325	40	160	700	1050	93	930	40	40	.....	.....	2
3	Belleisle Bay and River district.....	.....	.....	.....	.....	28	42	8	80	18	18	.....	.....	3
	Totals.....	75	395	40	160	888	1332	146	1460	88	88	1	100	.....
<i>Queens County.</i>														
4	Northeastern Section.....	.....	.....	.....	.....	558	837	195	1950	32	32	.....	.....	4
5	Southwestern Section.....	.....	.....	.....	.....	1000	1500	296	2960	50	50	.....	.....	5
	Totals.....	.....	.....	.....	.....	1558	2337	491	4910	82	82	.....	.....	6
6	Sunbury County, in all.....	10	50	.....	.....	3340	5010	20	200	60	60	.....	.....	.....
<i>York County.</i>														
7	St. John River district.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
8	St. Croix, Magaguadavic and Oromocto waters.....	.....	.....	5	20	25	38	50	500	5	5	.....	.....	8
9	Southwest Miramichi waters.....	.....	.....	.....	.....	35	52	.....	.....	10	10	.....	.....	9
	Totals.....	.....	.....	5	20	60	90	50	500	17	17	.....	.....	.....
<i>Carleton County.</i>														
10	St. John River and Westward.....	.....	.....	.....	.....	.....	.....	6	60	15	15	.....	.....	10
11	East of St. John River.....	.....	.....	.....	.....	.....	.....	.....	.....	10	10	.....	.....	11
	Totals.....	.....	.....	.....	.....	.....	.....	6	60	25	25	.....	.....	.....

RECAPITULATION

Of the Yield and Value of the Fisheries in District No. 3, Province of New Brunswick, during the Year 1912-13.

Quantity consumed in Canada.	Quantity consumed in U.S.A.	Kinds of Fish.	Quantity.	Price.	Value.
				\$ cts.	\$
558	20	Salmon.....	*Cwts. 578	15 00	8,670
574		Trout.....	" 574	10 00	5,740
15		Whitefish.....	" 15	15 00	225
25		Bass.....	" 25	10 00	250
260	637	Pickarel.....	" 897	8 00	7,176
	92	Sturgeon.....	" 92	10 00	920
16	85	Eels.....	" 101	5 00	505
25	20	Perch.....	" 45	4 00	180
5,361	485	Maskinongé.....	5,846	1 50	8,769
521		Shad (fresh).....	" 521	10 00	5,210
100		" (salted).....	brls. 100	20 00	2,000
327		Mixed Fish†.....	Cwts. 327	1 00	327
	1	Caviare.....	" 1	100 00	150
		Totals.....			40,132

*Cwts =100 lbs. † "Mixed Fish" includes catfish, greyling, bullheads and goldey s.

RECAPITULATION

Of the Number and Value of Boats, Nets, Traps, &c., used in the Fisheries, in District No. 3, Province of New Brunswick, during the Year 1912-13.

	Number.	Value.
		\$
Boats (gasoline).....	41	10,075
" (sail).....	783	8,622
Gill-nets.....	1,370	14,505
Eel Traps.....	60	100
Lines.....	2,292	4,675
Freezers and Ice-houses.....	10	550
Smoke and Fish-houses.....	116	1,068
Lodges built and used by native and foreign sport fishermen.....	53	61,150
		100,745

Number of men employed on Boats..... 932

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for whole of **New Brunswick**, during the Year 1912-1913.

Kinds of Fish.	Sea Fisheries.				Inland Fisheries.		Total, both Fisheries.		Total Marketed Value.
	Caught and landed in a Green State.		Marketed.		Marketed.		Marketed.		
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
		\$		\$		\$		\$	
Salmon..... cwts.	13299	199485							
" used fr. and froz. "			13299	229497	578	8,670	13877	238167	238167
Lobsters..... cwts.	84178	544990							
" canned..... cases.			28305	481185			28305	481185	
ship. in shell. cwts.			13418	191190			13418	191190	672375
Cod..... cwts.	243936	378530							
" used fresh..... "			19992	39984			19992	39984	
" shipp. gr. salted. "			14082	46066			14082	46066	
" dried..... "			65261	329847			65261	329847	415897
Haddock..... "	22647	53445							
" used fresh..... "			7994	19985			7994	19985	
" smoked..... "			5760	27648			5760	27648	
" dried..... "			1043	3129			1043	3129	50762
Hake and Cusk..... "	107804	83423							
" used fresh..... "			14562	10944			14562	10944	
" dried..... "			31091	93213			31071	93213	104157
Pollock..... "	48184	48184							
" used fresh..... "			18692	18807			18692	18807	
" dried..... "			9840	34440			9840	34440	53247
Herring..... "	754682	481189							
" used fresh..... "			31739	31361			31739	31361	
" smoked..... "			98330	210044			98330	210044	
" pickled..... brls.			57448	231012			57458	231012	
" used as bait..... "			61025	91538			61025	91538	
" used as fertil..... "			115940	59220			115940	59220	623175
Mackerel..... cwt.s.	6144	42740							
" used fresh..... "			6010	60100			6010	60100	
" salted..... brls.			45	675			45	685	60775
Shad..... cwt.s.	4019	26692							
" used fresh..... "			3009	21740	521	5,210	3530	26950	
" salted..... brls.			337	5055	100	2,000	437	7055	34005
Alewives..... cwt.s.	78665	71231							
" used fresh..... "			15905	15905	5846	8,769	21751	24674	
" salted..... brls.			20920	92760			20920	92760	117434
Sardines..... "	280282	280282							
" canned..... cases			84977	424885			84977	424885	
" used fresh..... brls.			263335	26335			263335	263335	688220
Halibut..... cwt.s.	655	5390	655	6550			655	6550	
Flounders..... "	2414	3621	2414	4753			2414	4753	
Smelts..... "	80288	483464	80288	802880			80288		802880

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for whole of **New Brunswick**, during the Year 1912-1913.—*Concluded.*

Kinds of Fish.	Sea Fisheries.				Inland Fisheries.		Total, both Fisheries.		Total Marketed Value.
	Caught and landed in a Green State.		Marketed.		Marketed.		Marketed.		
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
		¢		¢		¢		¢	
Troutcwts.	1204	9632	1204	12040	574	5,740	1778	17780	
Whitefish"					15	225	15	225	
Pickere!"					897	7,176	897	7176	
Sturgeon."	58	290	58	290	92	920	150	1210	
Bass"	1846	18460	1846	22152	25	250	1871	22402	
Eels"	2359	14274	2359	18872	101	505	2460	19377	
Tom cod."	20060	30090	20060	40120			20060	40120	
Perch."					45	180	45	180	
Mixed Fish"	180	90	180	180	327	327	507	507	
Squidbrls.	152	608	152	608			152	608	
Oysters"	9239	46195	9239	55434			9239	55434	
Clams and Quahaugs "	59591	82007							
" used fresh. "			33351	66283			33351	66283	
" canned .cases.			26240	127142			26240	127142	
Dulse, Crabs, Cockles and other shell fish.cwts	3956	4890	*2196	7620			*2196	7620	193425
Tongues and Sounds. "			331	9930			331	9930	
Caviare (Sturg. Roe) "					1	150	1	150	
Fish Oilgals.			51710	15513			51710	15713	
		2909202		4223932		40122			4264054

*The Dulse included is dried.

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Number of Fishermen, &c, and of the Number and Value of Fishing Vessels
Boats, Nets, &c., in the whole of **New Brunswick**, for the Year 1912-13.

	Sea Fisheries.		Inland Fisheries.		Total Both Fisheries.	
	Number.	Value.	Number.	Value.	Number.	Value.
		\$		\$		\$
Vessels (tonnage 5741).....	363	260,850			363	260,850
Boats (sail).....	7,053	221,845	783	8,622	7,836	230,467
" (gasoline)	1,046	306,150	41	10,075	1,087	316,225
Tugs, smacks, &c.....	43	17,900			43	17,900
Dip nets.....	1,122	7,360			1,122	7,360
Gill nets.....	56,244	381,024	1,370	14,505	57,614	395,529
Seines.....	501	48,130			501	48,130
Trap and smelt nets.....	2,839	171,795			2,839	171,795
Rel traps.....			60	100	60	100
Weirs.....	483	370,200			483	370,200
Trawls.....	750	12,238			750	12,238
Hand lines.....	8,279	5,877	2,292	4,675	10,571	10,552
Lobster traps.....	285,220	284,920			285,220	284,920
" canneries.....	198	162,275			198	162,275
Sardine ".....	6	369,000			6	369,000
Clam ".....	10	22,600			10	22,600
Freezers and ice-houses.....	212	223,600	10	550	222	224,150
Smoke and fish-houses.....	1,193	295,640	116	1,068	1,309	296,708
Piers and wharves.....	361	228,350			361	228,350
Pile drivers and reels.....	502	18,350			502	18,350
Fishing huts and cottages.....			53	61,150	53	61,150
Totals.....		3,408,154		100,745		3,508,899

	Sea Fisheries.	Inland Fisheries.	Totals.
Number of men employed on vessels and tugs.....	1,440		1,440
" " boats.....	12,572	932	13,504
" persons employed in fish-houses, freezers, canneries, &c.....	6,731		6,731
	20,743	932	21,675

APPENDIX No. 5.**PRINCE EDWARD ISLAND.****REPORT ON THE FISHERIES OF THE PROVINCE.**

To the Superintendent of fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report on the fisheries of the province of Prince Edward Island for the year 1912-13; together with statistics showing the catch in detail in each county and locality.

I have to report a very large increase in the number of gasoline boats for the season, over 200 more than for the previous year. Fishermen almost decline to prosecute the industry if not provided with them.

I am pleased to report an increase of \$173,510 in the value of the fisheries over that for the preceeding year.

LOBSTERS.

I have to report an increase in the value of lobsters packed of \$159,276. Owing to the exceptionally clear and calm weather during the season, no fishing gear was destroyed.

The price paid to fishermen being higher than in former years, made it profitable for them, and more particularly to fishermen on the north side of the Island. The lobster fishing on the south side has been falling off for sometime, and fishermen attribute the shortage to the large number of traps set on the New Brunswick side.

OYSTERS.

Although the oyster season was very rough and the number of days that fishermen could prosecute this branch reduced, the catch was about equal to last season, and the beds well stocked with small oysters.

COD.

I have to report a decrease of \$13,664 in the value of this fishery. Codfishing in Kings County was practically a total failure. The total catch was only about one third of the usual one.

HAKE.

The hake fishing shows an increase of \$22,511, more than double the value for the previous year; this may be attributed to the plentiful supply of fresh bait, for with sufficient supply of bait good catches are almost assured.

HERRING.

The catch of herring was considerably in excess of the previous year. Enough were secured for baiting purposes and enabled fishermen to successfully prosecute other fisheries.

SESSIONAL PAPER No. 22

MACKEREL.

The catch of mackerel was about the same as in 1911. The fish were quite large in size but did not school in any large bodies as in former years.

SMELTS.

The weather conditions were so mild that no ice formed to enable fishermen to set their nets until the season was well advanced. The season's catch was small but somewhat in excess of previous years.

QUAHAUGS.

The catch of quahaugs is yearly becoming smaller. This year shows a decreased value of \$12,432, and it almost appears as if the end of this fishery were not far distant.

SYNOPSIS OF REPORT FROM OVERSEER KEAYS, OF KINGS COUNTY.

LOBSTERS.

There was a substantial increase in the lobster fishery in this county over previous years, due chiefly to fine weather and abundance of bait.

COD.

Was practically a failure in this county. The total catch was about one third of last year, although there was much more preparation made by fishermen than previously.

The spring school did not strike the coast, and the fishermen give as a reason that ice left the gulf so early that it permitted the Nova Scotia and American codfishing fleet to get down to cape North in time to break up the school of fish, consequently very few visited our coast.

HAKE.

Hake was about the average, due chiefly to the good supply of fresh bait procured from fish traps in this district.

SMELTS.

The weather was so mild that no ice formed until the season was well advanced to enable fishermen to set their bagnets and consequently the catch was small.

The close seasons were well observed by packers and fishermen. There were some reports of illegal packing from the southern part of the county, but I was unable to obtain facts to warrant prosecution.

The weather was fair during the season, and no loss of life or property occurred in my district.

I have the honour to be, sir,

Your obedient servant,

J. A. MATHESON,

Inspector of Fisheries

SESSIONAL PAPER No. 22

Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry Island, during the Year 1912-13.

Gear.								Canneries.				Other Material.								Persons employed in Canneries, Freezers and Fish-houses.	Number.
Smelt nets.		Trawls		Hand lines.		Lobster traps		Lobster canneries.		Clam canneries.		Freezers and Ice-houses.		Smoke & Fish- houses.		Piers and Wharves.					
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.				
	¢		¢		¢		¢		¢		¢		¢		¢		¢				
25	75	160	1500	80	80	7000	5000	4	2500			1	1000	4	200	1	500	110	1		
6	180	10	80	60	60	6900	5000	3	3000					4	100	1	50	40	2		
1	30	15	120	160	160	17000	12800	5	6000					3	75	2	500	100	3		
2	60	30	250	150	150	12000	9000	3	6000	1	50			6	250	1	500	70	4		
20	60	20	160	126	120	28000	21000	10	8000	2	150			10	300			120	5		
30	90	200	1600	210	210	12600	9400	4	5000	1	50			12	500	1	500	90	6		
115	750	160	1300	140	140	24000	18000	8	7000					12	400	1	200	150	7		
.....	.....	5	40	60	60	9000	6800	6	6000					6	150			110	8	
20	60	15	120	60	60	13500	10200	8	7000					8	200			100	9		
.....	.....	50	400	50	50	3600	2700	2	3000					6	150			40	10	
219	1305	665	5570	1090	1090	133600	99900	53	53500	4	250	1	1000	71	2325	7	2250	930			

4 GEORGE V., A. 1914

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels Industry in the County of **Queens**, Province of

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.										Fishing					
		Vessels.				Boats.					Tugs, sinacks, &c.			Gill nets.		Seines.	
		Number.	Tons.	Value. \$	Men.	Sail.	Value. \$	Gasoline.	Value. \$	Men.	Number.	Value. \$	Men.	Number.	Value. \$	Number.	Value. \$
	<i>Queens County.</i>			\$			\$		\$			\$			\$		\$
1	Tracadie	1	20	200	6	141	4990	21	3950	222				276	1450		
2	New-London	6	87	2100	20	25	950	25	6250	100				550	4500		
3	Point Prim					47	1200	13	2390	115				50	180		
4	Rustico	2	33	600	10	43	3175	50	13750	166	1	200	1	302	1863	6	300
5	Wheatley River					19	415	3	525	33				16	73		
6	Pownal					11	270	4	1600	23				38	109		
7	Charlottetown					20	800	6	1200	60							
8	Crapaud					9	290	11	2475	36				52	260		
9	Lot 65					55	1353	35	8880	132							
10	Bays and Rivers					80	575	6	1500	92							
	Totals	9	140	2900	36	450	14018	174	42520	979	1	200	1	1284	8435	6	300

SESSIONAL PAPER No. 22

and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Prince Edward Island, during the year 1912-13.

Gear.										Canneries.		Other material.				Persons employed in Canneries, freezers and fish-houses.	Number.
Trap nets.		Smelt nets.		Trawls.		Hand lines.		Lobster traps		Lobster Canneries.		Smoke and fish-houses.		Piers and wharves.			
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
	\$		\$		\$		\$		\$		\$		\$		\$		
...	...	357	2215	10	100	80	40	20950	20010	7	11600	89	2570	9	9050	147	1
...	...	55	110	20	240	200	100	9600	9600	7	3150	6	250	3	5000	70	2
...	...	14	130	10	120	65	32	18615	15646	23	6960	...	...	...	...	80	3
...	...	60	170	...	...	60	30	15700	15700	4	8000	35	3500	2	1500	117	4
...	...	60	150	...	...	...	...	...	...	...	...	...	...	1	400	...	5
...	...	3	60	...	...	...	...	2000	1000	1	500	...	...	...	...	9	6
...	100	50	...	...	...	...	...	...	...	...	...	...	7
...	...	6	180	...	...	...	...	4110	3650	6	1850	6	300	...	...	33	8
1	38	37	475	...	...	...	...	17500	15200	8	6600	17	272	...	...	83	9
...	20	200	...	...	...	10
1	38	592	3490	40	460	505	252	88475	80806	56	38660	173	7092	15	15950	539	

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and in the County of Prince, Province of Prince Edward

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.										Fishing					
		Vessels.					Boats.					Tugs, smacks, &c.		Gill nets.		Sei- nes.	
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
	<i>Prince County.</i>			\$			\$		\$			\$			\$		\$
1	Tignish.					36	2880	67	13400	214	2	600	4	110	440	1	500
2	Nail Pond.					17	1360	6	1200	43				55	220		
3	Skinner's Pond.					54	4320	13	2600	75	1	300	2	80	320		
4	Miminigash.	1	10	400	5	24	1920	34	6800	97				70	280		
5	Alberton.	2	22	880	8	10	800	14	2800	42				60	240		
6	Roxberry.	1	10	400	4	4	320	4	800	12				20	80		
7	Brae.					6	480	5	1000	20				28	112		
8	West Point.					3	240	14	2800	32				35	140		
9	Narrows, Lot 11.					11	600	3	750	26				79	485		
10	Ellerslie, Lot 12.					21	1000	6	1500	32				50	280		
11	Bideford.					65	405	4	1000	78				48	136		
12	Wellington.					15	150			15				30	70		
13	Grand River.					27	665	5	1250	32				30	115		
14	Richmond Bay.					40	1225	14	3500	86				195	743		
15	Travellers' Rest.					3	38			6				260	132		
16	Malpeque.	3	50	1000	12	30	1500	19	4750	75				400	700		
17	Fifteen Point.					25	1570	61	15250	156				278	1320		
18	Summerside.					2	100	2	600	8				10	55		
19	Carleton.					6	465	8	2000	25				41	225		
20	Tryon.							37	9250	73				151	755		
21	Enmore.					2	130			4				22	110		
22	Indian River.					15	600			30				46	128		
	Totals.	7	92	2680	29	416	20768	316	71250	1181	3	900	6	2098	7081	1	500

SESSIONAL PAPER No. 22

Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry
Island, during the Year 1912-13.

Gear.										Canneries.		Other Material.				Persons employed in Canneries, Freezer and Fish-houses.			
Trap nets.		Smelt nets.		Trawls.		Hand lines.		Lobster traps.		Lobster canneries.		Freezers and Ice houses.-		Smoke and Fish houses.						Piers and Wharves.
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		Number.
\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$		
1	400	2	40	15	150	100	50	27200	27200	9	14400	...	...	9	1800	1	40000	219	1
				8	80	35	17	5890	5890	3	6500			3	600			58	2
				30	300	110	55	12300	12300	4	4000	1	400	4	800			84	3
		4	80	18	180	55	27	12000	12000	7	6550	1	400	7	1400	1	20000	72	4
		30	600	36	360	40	20	6300	6300	8	3450			8	1600			51	5
		3	60	1	10	14	7	4500	4500	2	2000			2	400			30	6
		2	40					2575	2575	4	2000			4	800	1	6000	18	7
						10	5	5450	5450	7	3500			7	1400		15000	23	8
		2	40					3500	3400	3	2200							23	9
		9	72			20	20	5900	3500	3	2800							31	10
								2730	2422	3	2500							19	11
		4	100																12
								6600	3000	1	1000								22
								21700	11325	5	4100							52	14
		18	455																15
				30	150	50	50	10300	8700	4	4500			7	140			55	16
								23450	17800	13	9450							97	17
		49	1470					750	750	1	600							9	18
		6	220					4650	3700	3	1200							18	19
		14	250					12675	8400	6	2800							45	20
		17	570																21
																			22
1	400	160	3997	138	1230	434	251	168470	159212	86	73550	2	800	51	8940	4	81000	926	

RETURN showing the Quantities and Values of all Fish caught and landed in a Green year

Number.	Fishing Districts.	Salmon, *cwt.	Salmon, value.	Lobsters, cwt.	Lobsters, value.	Cod, cwt.	Cod, value.	Haddock, cwt.	Haddock, value.	Hake and Cusk, cwt.	Hake and Cusk, value.	Herring, cwt.
	<i>Kings County.</i>		¢		¢		¢		¢		¢	
1	Souris and Red Point.....			2782	11128	1100	1100	600	480	9000	7200	4400
2	Bay Fortune.....			2725	10900	200	200	20	16	500	400	1500
3	Annandale			5671	22708	200	200	80	64	300	240	1500
4	Georgetown.....			4500	18000	250	250	200	160	400	320	3000
5	Murray Harbour North.....			8466	33900	550	550	25	20	200	160	8000
6	Murray Harbour South.....			3962	15850	1450	1450	150	120	8000	6400	2000
7	Morell and St. Peters.....	110	880	13510	54040	1500	1500	125	100	400	320	2000
8	Naufrage.....			4042	16168	100	100	30	24	100	80	1000
9	North Lake.....			4977	19908	100	100	20	16	150	120	1000
10	East Lake.....			3435	13740	60	60	64	51	150	120	480
	Totals.	110	880	54070	216342	5510	5510	1314	1051	19200	15360	24880

*Cwt.=100 lbs.

SESSIONAL PAPER No. 22

CATCH.

State in the County of Kings, Province of Prince Edward Island, during the 1912-13.

Herring, value.	Mackerel, cwts.	Mackerel, value.	Alawives, cwts.	Alawives, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Eels, cwts.	Eels, value.	Tom-cod, cwts.	Tom-cod, value.	Mixed fish, cwts.	Mixed fish, value.	Squid, brls.	Squid, value.	Clams, brls.	Clams, value.	Quahaugs, brls.	Quahaugs, value.	Number.
\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$	
2200	400	2400			40	200	5	40	10	50	20	20	25	12	10	15	260	520			1
750	20	120			200	1000	10	80	5	25			10	5			10	20			2
750	5	30			10	50	10	80	5	25			10	5			20	40			3
1500	20	120			40	200	5	40	50	250			20	10			100	200			4
4000	10	60			80	400	5	40	40	200			30	15	15	22	300	600	50	125	5
1000	5	30			210	1050	15	120	20	100	10	10	60	30			120	240			6
1000	400	2400	30	30	300	1500	10	80	30	150	10	10	10	5	10	15	30	60			7
500					10	50	5	40													8
500	300	1800			50	250	15	120													9
240	44	264					10	80	30	150											10
12440	1204	7224	30	30	940	4700	90	720	190	950	40	40	165	82	55	52	840	1680	50	125	

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the County of Kings, Province of Prince Edward Island, during the Year 1912-13.

Fishing Districts.	Salmon, fresh and frozen, * cwt.	Salmon, canned, cases.	LoBSTERS, canned, cases.	Cod, fresh, cwt.	Cod, shipped green-salted, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Haddock, dried, cwt.	Hake and Cusk, dried, cwt.	Herring, fresh, cwt.	Herring, pickled, brs.	Herring, used as bait, brs.	MacKerel, fresh, cwt.	MacKerel, salted, brs.	Number.
<i>Kings County.</i>															
1 Souris and Red Point.....	.....	.....	1113	20	20	347	50	183	3000	600	100	1750	100	100	1
2 Bay Fortune.....	.....	.....	1090	10	10	56	20	.....	166	50	20	695	20	.....	2
3 Amundale.....	.....	.....	2271	10	10	57	30	20	100	60	30	675	5	.....	3
4 Georgetown.....	.....	.....	1800	20	10	70	30	57	133	80	25	1422	5	.....	4
5 Murray Harbour, North.....	.....	.....	3386	10	10	173	25	.....	66	70	60	3875	10	.....	5
6 Murray Harbour, South.....	.....	.....	1386	40	20	456	45	35	2666	100	100	800	5	.....	6
7 Morell and St. Peters.....	88	25	5404	10	10	490	20	35	133	120	30	890	30	123	7
8 Naufrage.....	.....	.....	1617	5	10	25	.....	10	34	40	.....	480	.....	.....	8
9 North Lake.....	.....	.....	1991	5	10	25	20	.....	50	30	.....	485	30	.....	9
10 East Lake.....	.....	.....	1374	10	10	10	10	18	51	25	.....	226	14	10	10
Totals.....	88	25	21632	146	120	1709	240	358	6399	1175	365	11298	219	328	
Rates.....\$	10	12	18	2	3	5	2	4	3.50	1.50	5	1.50	10	18	
Values.....\$	880	300	389376	280	360	8545	480	1432	22396	1762	1825	16947	2190	5904	

*Cwt.=100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green state, in the County of Queens, Province of Prince Edward Island, during the year 1912-13.

Number.	Fishing Districts.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Alwives, cwts.	Number.
<i>Queens County.</i>															
1	Tracadie.....	7025	35140	1582	1582	.....	.....	.....	.....	3268	2451	224	1568	100	1
2	New London.....	3536	17680	1330	1330	.....	.....	51	40	1519	1140	428	2996	.....	2
3	Point Prim.....	4865	24325	952	952	.....	.....	50	40	.....	.....	150	1050	.....	3
4	Rustico.....	7095	35475	2714	2714	63	63	175	130	3031	2274	790	5530	.....	4
5	Wheatley River.....	.....	.....	738	738	.....	.....	75	55	922	690	124	868	.....	5
6	Pownal.....	13320	66600	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
7	Charlottetown.....	.....	.....	.....	.....	.....	.....	.....	.....	1002	750	98	686	.....	7
8	Crapaud.....	1126	5630	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
9	Bays and Rivers.....	4468	22335	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
Totals.....		41438	207185	7316	7316	63	63	351	265	9742	7305	1814	12698	100	

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green state, in the County of Queens, Province of Prince Edward Island, during the year 1912-13.—Continued.

Fishing Districts.	Alwives, value.	Smelts, cwt.	Smelts, value.	Trout, cwt.	Trout, value.	Eels, cwt.	Eels, value.	Oysters, brls.	Oysters, value.	Clams, brls.	Clams, value.	Quahangs, brls.	Quahangs, value.	Number.
<i>Queens County.</i>														
1 Tracadie.....	100	2015	8060	.....	.....	26	130	1802	7208	.....	.....	25	55	1
2 New London.....	672	2688	.....	.....	.....	.....	.....	.....	.....	.....	35	80	2
3 Point Prim.....	308	1232	4	2	.....	.....	80	320	.....	.....	.....	.....	3
4 Rustico.....	371	1484	.....	.....	.....	.....	.....	.....	100	200	.....	.....	4
5 Wheatley River.....	310	1240	.....	.....	.....	.....	.....	60	.....	.....	14	35	5
6 Pownal.....	60	240	.....	.....	.....	.....	15	.....	.....	.....	.....	.....	6
7 Charlottetown.....	183	732	.....	.....	.....	.....	737	2948	.....	.....	.....	.....	7
8 Crapaud.....	956	3824	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
9 Bays and Rivers.....	9
Totals.....	100	4875	19500	4	2	29	130	2684	10536	100	200	74	170	

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State, in the County of Prince, Province of Prince Edward Island, during the Year 1912-13.

Number.	Fishing Districts.	Lobsters, cwt.*	Lobsters, value.	Cod, cwt.	Cod, value.	Haddock, cwt.	Haddock, value.	Hake and Cusk, cwt.	Hake and Cusk, value.	Herring, cwt.	Herring, value.	Mackerel, cwt.	Mackerel, value.	Smelts, cwt.	Smelts, value.	Rel's, cwt.	Rel's, value.	Tom-cod, cwt.	Tom-cod, value.	Oysters, brls.	Oysters, value.	Quahaugs, brls.	Quahaugs, value.	Number.
1	Tignish	8608	43040	8450	8450	250	250	3600	3600	6500	3250	800	4800	40	160									1
2	Nail Pond	1596	7980	2975	2975	100	100	2100	2100	3200	1100	100	600											2
3	Skinner's Pond	2366	11830	9350	9350	400	400	5200	5200	4435	2217	250	1500											3
4	Mimingash	2634	13170	5950	5950	200	200	4000	4000	786	393	300	1800	50	200	2	6							4
5	Alberton	2472	12360	5450	5450	100	100	2800	2800	3150	1575	400	2400	500	2000					25	125			5
6	Roxbury	782	3910	2975	2975	50	50	1500	1500	1320	660	180	1080	250	1000	6	18			800	4000	100		6
7	Brae	666	3030							1680	845			110	440	3	9							7
8	West Point	936	4630	200	200					2450	1225			310	1240					104	520	248		8
9	Narrows, Lot 11	807	4035	5	5					1600	800			120	480					558	2790			9
10	Ellerslie, Lot 12	1673	8365	365	365					1400	700	20	120	372	1488					1182	5910	1003		10
11	Bideford	880	4150							260	130	20		66	264					150	750			11
12	Wellington									1575	787			340	1360					1435	7175			12
13	Grand River	1417	7085							1900	950			80	320					545	2725	400		13
14	Richmond Bay	2872	14360							1290	630			140	560					434	2170			14
15	Traveller's Rest									1810	905	380	2280	343	1372					120	600	880		15
16	Malpeque	3050	15250	1330	1330					10200	5100			16	64									16
17	Fifteen Point	5746	28730							350	175			494	1976							140		17
18	Summerside	255	1275							1180	590			462	1848									18
19	Carleton	1153	5765							4392	2196			240	960									19
20	Tryon	3681	18405							75	37			415	1660	1	3	40	40	354	1770	1030		20
21	Enmore									180	90			382	1528					290	1450	120		21
22	Indian River																							22
	Totals	41484	207420	37050	37050	1100	1100	19200	19200	48769	24383	2430	14580	4730	18920	12	36	40	40	5997	29975	3921		9677

*Cwt=100 lbs.

THE CATCH MARKETED

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for the County of Prince, Province of Prince Edward Island, during the Year 1912-13.

Number.	Fishing Districts.	Lobsters, canned, cases.	Cod, fresh, cwt.s.	Cod, shipped green-salted, cwt.s.	Cod, dried, cwt.s.	Haddock, dried, cwt.s.	Hake and Cusk, dried, cwt.s.	Herring, fresh, cwt.s.	Herring, pickled, brls.	Herring, used as bait, brls.	Mackerel, fresh, cwt.s.	Mackerel, salted, brls.	Smelts, fresh, cwt.s.	Tom-Cod, fresh, cwt.s.	Eels, fresh, cwt.s.	Oysters, fresh, brls.	Clams and Quahaugs, fresh, brls.	Tongues and Souds, pickled and dried, cwt.s.	Fish Oil, gals.	Number.
<i>Prince County.</i>																				
1	Tignish	3443	50	250	2633	83	1200	300	400	2500	50	250	40						12	403
2	Nail Pond	638	25	175	866	33	700	150	150	800		33						7	170	2
3	Skinner's Pond	946	50	300	2900	133	1733	150	150	1916		83						17	486	3
4	Mimiquash	1053	50	400	1700	66	1333	150	100	168		100	50	2				13	333	4
5	Alberton	989	50	200	1665	33	933	50	100	1400		133	500			25		9	277	5
6	Roxbury	313	25	75	933	17	500	20	20	620		60	250	6		800	100	5	150	6
7	Brae	242						20	30	790			110	3						7
8	West Point	374	5	10	57			50	100	1050										8
9	Narrows, Lot 11	323	5							800			310			104	248			9
10	Ellerslie, Lot 12	669	165	100						700			120			538				10
11	Bideford	332								130	20		372			1182	1003			11
12	Wellington							26	10				66			150				12
13	Grand River	567						70	35	700			340			545	400			13
14	Richmond Bay	1149						40	20	900			80			434				14
15	Travellers' Rest								20	600			140			120	880			15
16	Malpeque	1220	130	600				60	50	800	80	100	343							16
17	Fifteen Point	2298						100	100	4900			16							17
18	Summerside	102						150					494				140			18
19	Carleton	461								590			462							19
20	Tryon	1472						52		2170			240							20
21	Emmore							30	15				415	1	40	354	1630			21
22	Indian River							20	20	50			382			290	120			22
	Totals	16593	555	2110	10755	365	6399	1438	1320	21684	150	759	4730	12	40	5997	3921	63	1819	
	Rates	18	1.50	2	4	3.50	3	1	6	2	10	15	7	5	2	8	4	30	0.30	
	Values	298674	833	4220	43020	1277	19197	1438	7920	43368	1500	11385	33110	60	80	47976	15684	1890	545	

Total value..... \$532,177

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State for the Province of Prince Edward Island, during the Year 1912-13.

Kinds of Fish.	Caught and landed in a green state.		Marketed.		Total marketed value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon..... cwt.	110	880			
" used fresh and frozen..... "			88	880	
" canned..... cases.			25	300	
					1,180
Lobsters..... cwt.	136,992	630,947			
" canned..... cases.			54,798	986,364	
					986,364
Cod..... cwt.	49,876	49,876			
" used fresh..... "			2,108	3,939	
" shipped green-salted..... "			3,156	6,895	
" dried..... "			13,184	58,315	
					69,149
Haddock..... "	2,477	2,214			
" used fresh..... "			240	480	
" dried..... "			744	2,814	
					3,294
Hake and Cusk..... "	38,751	34,825			
" used fresh..... "			126	189	
" dried..... "			12,873	41,893	
					42,082
Herring..... "	83,391	44,128			
" used fresh..... "			2,804	3,391	
" pickled..... brls.			1,914	10,890	
" used as bait..... "			37,414	68,071	
					82,352
Mackerel..... cwt.	5,448	34,502			
" used fresh..... "			504	5,310	
" salted..... brls.			1,647	27,369	
					32,679
Alewives..... cwt.	130	130			
" salted..... brls.			43	200	
					200
Smelts..... cwt.	10,545	43,120	10,545		73,815
Trout..... "	94	744	94		940
Eels..... "	228	1,116	228		2,090
Tom-cod..... "	80	80	80		160
Mixed fish..... "	165	82	165		165
Squid..... brls.	35	52	35		105
Oysters..... "	8,631	40,511	8,631		61,146
Clams and Quahogs..... "	4,985	11,852			
" used fresh..... "			4,600	18,400	
" canned..... cases.			385	1,540	
					19,940
Tongues and Sounds..... cwt.			96		2,880
Fish oil..... gals.			4,549		1,364
Totals.....		895,059			1,379,906

4 GEORGE V., A. 1914

RECAPITULATION

Of the Number of Fishermen, &c., and of the Number and Value of Fishing Vessels, Boats, Nets, &c., in the Province of Prince Edward Island, for the Year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage, 549).....	29	12,780
Boats (sail).....	1,365	47,036
" (gasoline).....	609	132,870
Tugs, smacks, &c.....	13	3,050
Gill nets.....	5,182	30,216
Seines.....	7	800
Trap and smelt nets.....	975	10,230
Trawls.....	843	7,260
Hand lines.....	2,029	1,593
Lobster traps.....	390,545	319,918
" canneries.....	195	165,710
Clam.....	4	250
Freezers and Ice-houses.....	3	1,800
Smoke and Fish-houses.....	295	18,357
Piers and Wharves.....	26	99,200
Totals.....		851,070

Number of men employed in Vessels and Tugs.....	138
" " Boats.....	3,170
" persons employed in Fish-houses, Freezers, Canneries, &c....	2,385
	5,703

SESSIONAL PAPER No. 22

APPENDIX No. 6.

QUEBEC

GULF DIVISION, SEA FISHERIES DISTRICT: COMPRISING THE COUNTIES OF BONAVENTURE, GASPE, SAGUENAY AND RIMOUSKI.
INSPECTOR, WM. WAKEHAM, M.D., GASPE BASIN.

GULF DIVISION, INLAND FISHERIES DISTRICT: COMPRISING THE COUNTIES OF TEMISCOUATA, KAMOURASKA, L'ISLET, MONTMAGNY, CHICOUTIMI, CHARLEVOIX, MONTMORENCY AND QUEBEC.
INSPECTOR, WM. WAKEHAM, M.D., GASPE BASIN.

THE EASTERN TOWNSHIPS. INSPECTOR, C. A. BERNARD, ST. CESAIRE
THE ST. LAWRENCE RIVER FROM HUNTINGDON COUNTY TO BELLECHASSE, AND THE COUNTIES FROM PORTNEUF TO SOULANGES.
INSPECTOR, JOSEPH RIENDEAU, LONGUEUIL.

N.B.—In the inland portions of Quebec, including the inland section of the Gulf Division, the fisheries are administered by the Provincial Government. This department merely exercises a general supervision.

REPORT ON THE SEA FISHERIES OF THE GULF DIVISION.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I beg to submit the annual return, showing the statistics of the Fisheries of the Gulf Division, Province of Quebec, for the season of 1912-13. These statistics show an increase in value of some \$120,000 over those of the previous season.

The summer of 1912 in the Gulf of St. Lawrence was a remarkable one. It was cold, dull and wet all through the months of July, August and September, and while we had no very severe gales, yet the weather was constantly rough.

SALMON.

The returns, from this fishery, show a considerable increase; the catch in the nets, both on the South and North shores of the Gulf, was better than that of the previous season. On the lower north shore the catch was particularly good; the sport fishing was late in beginning, but owing to the high water in the rivers, due to constant rains, and cool weather, the fishing was good right up to the close of the season. On most of the rivers the fishing closed at the usual date, and the extension in the fishing season was not taken advantage of. Most of our sportsmen are business men, who can only afford to remain on their rivers during what is kept and recognized as the regular holiday season; this ends with the middle of August.

Some of our salmon rivers, particularly on the south shore, are greatly overnetted, and it seems particularly unfair, where the sportsmen, with the view of improving the rivers, are buying out the nets in the channels and estuaries, that the local government should persist in issuing new licenses. As long as this is done I see no use in the sportsmen buying out the nets as they are doing. It should surely be possible for the sporting clubs to come to some arrangement, with the local government authorities, by which no new net licenses should be issued in the neighbourhood of estuaries, or rivers where the sportsmen are spending money in the purchase of netting rights, with the view of improving the conditions in the rivers.

LOBSTERS.

The lobster pack was below that of 1911, being some 2,000 cases short. The total revenue figures out at about the same amount; this is altogether due to the increased value per case, which, for this season, we have fixed at \$18. As the pack decreases, the cost to the consumer must naturally rise.

COD.

The cod fishery, over many parts of the coast, was a failure; this was particularly the case along the river shore, from Cape de Rosier West, and on the Labrador from Natashquan East as far as Blanc Sablons. On this coast the capelin never came in, consequently the summer fishing, from the middle of June to the end of July, which is usually made with seines, and trap-nets, was a complete failure. Under ordinary conditions the cod follow the capelin schools right inshore among the islands, schooling on the surface like herring or mackerel. When schooling in this way the cod will not take the hook, they are generally gorged with capelin. Fortunately for the people, the sa'mon net fishing was good, and many turned their attention to lobster packing, while, late in the fall the deep water cod fishery, with hook and line, was fairly good. Had it not been for this, we would have had to deport many families from the Labrador, or have furnished them with sufficient supplies to have tided them over the winter. A good many of the younger men left the coast, and found employment in the lumber camps at Anticosti, Clarke City, or elsewhere.

The north shore cod fishermen are beginning to fear that the present method of conducting the whale fishery, which has greatly decreased the number of whales, usually found off the Labrador coast in summer, is the cause of the failure in the summer cod fishery. Certain it is that the capelin, on which the summer cod fishery is undoubtedly dependent, have not, for the past three seasons, struck inshore as they formerly did. There is no doubt that the capelin were largely preyed on by the whales, and it may have been this which drove them inshore in such great abundance, being no longer chased by the whales, the great schools of these bait fish, remain off shore in deep water, and the cod stay by them. Whether there is anything in this, I am hardly prepared to say, but the idea, that there is a good deal in it, is now held by the cod fishermen, all round Newfoundland, and on the Labrador.

On the coast of Gaspé, from Cape de Rosier to Point Macquereau, the cod fishery was good. The price of dry cod was unusually high, and where the fishery was good the fishermen made big wages.

HERRING.

Herring were very abundant all through the season, and on the coast from Cape de Rosier to Matane, where the cod fishery failed, the pack of pickled herring was unusually heavy. Unfortunately this fish is so carelessly cured, that the returns to the fishermen from it were small. The market for this fish, which in our case is Quebec, became glutted. The common soft wood barrels, with only a few wooden hoops, in which their herring is packed, won't stand handling. They will not hold the pickle, so that much of the pack got rusty, and bad, and had actually to be thrown away. This is an old story in connection with our herring fishery. The fishermen seem quite unwilling to learn that they are the losers by their careless manner of curing and packing this fish. I see no hope of any improvement, short of a strict inspection made on the spot where the fish are packed. There would be a great kick against anything of the kind, but there can be no doubt, whatever, that with a careful pack, the market for our herring would be greatly extended, and the fishermen themselves would be the real gainers. Our herring are quite as good as any taken on the Scotch, Dutch or Norwegian coasts, yet due solely to our inferior packages, and

SESSIONAL PAPER No. 22

our careless and stupid methods of curing these fish, we have only a limited market, and we get an insignificant return for them.

MACKEREL.

The mackerel fishery at the Magdalen Islands was poor. The fish kept off shore. In the Bay of Chaleur a fairly good fishery was made by a number of small vessels from Nova Scotia and Prince Edward Island; the fish were all taken by drifting. Though these fish were all taken in our inshore waters, and the vessels' engaged in the fishery harboured in our harbours, yet their catch, not having been landed in our division, does not figure in our returns.

WHALES.

Ninety whales were taken by the two whaling steamers which operate in connection with the factory at Seven Islands. The whales were thin, and did not yield the average quantity of oil. One Black (Right) whale was taken well up the river above Manicouagan. This is the first black whale killed in the Gulf for sixty years. In 1850 Captain Coffin of Gaspé, in the old fashioned whaling day, killed two black whales, late in the fall, well up the river, near St. Thomas. In pre-revolutionary days, whalers from New England used to kill a good many black or right whales in the Gulf of St. Lawrence. The whale of this species, killed this season by Captain Sorenson, was 57 feet long, girthed 48 feet, and yielded 140 barrels of oil, and over half a ton of bone, nine feet long. This baleine, commonly called bone is worth over £2,000 a ton.

BAIT.

Bait, except on the Labrador, was fairly abundant. We did not see anything like as much squid as usual, but as before said, herring were abundant all through the season.

Except at the Magdalen Islands where we always have some poaching for lobsters in the lagoons, the regulations were well observed. Many traps were found, and destroyed, in the lagoons at the Magdalen Islands; and one considerable seizure of illegally packed lobsters was made, these were, after trial, confiscated and sold.

INLAND SECTION OF THE GULF DIVISION.

Practically all the commercial fishing in this section is made by means of brush, or woven wire weirs, the leaders of which extend from the shore, and dry out at low water. This method of fishing can only be carried out successfully when there are flat beaches, and a considerable rise and fall of tide. As we have no fishery officers of our own on either shore of the river, between Rimouski and Quebec, I am not able to vouch for the absolute accuracy of the statistics for this section; they have been collected with as much care as possible, by consulting those who were considered best able to give us a general estimate. The farmers who fish these pêches are not always able to tell us just how much they do catch, and they are generally afraid to say much about the fishery, as they have the idea that we propose to put some kind of tax on them, based on their catch, so that I do not think that we get an over estimate of it. There are really no regular fishermen in the section; these weirs being fished by farmers, who enjoy, from old time, the right to fish on their respective fronts. As far as we have been able to ascertain there was a slight improvement in the fishery over the season of 1911. These weirs are very destructive engines; nothing escapes them, and the quantity of undersized striped bass, and sturgeon destroyed by them is enormous.

I am, sir,

Your obedient servant,

WM. WAKEHAM,

Inspector of Fisheries.

(Translation.)

REPORT ON THE FISHERIES OF THE EASTERN TOWNSHIPS.

To the Superintendent of Fisheries,
Ottawa, Ont.

SIR,—I have the honour to forward my annual report for the fiscal year 1912-1913, together with statistical returns.

From the information obtained from the local fishery officers and from fishermen of the district, fishing was better last year than the preceding year and although the temperature was not favourable last year, no fish died, as happened before in certain districts of the Dominion.

The regulations regarding fishing were more generally observed and the fishery officers had less trouble, as the public seemed to be more interested in the protection of the fish. There were certain sections, however, where the regulations were disregarded, especially in parts of the district where the fish were not so plentiful and where the officers were indifferent regarding their duties.

We noticed that the fishery regulations were better observed in places where licenses had been granted: the fishery officers were more active and the public more careful to comply with the regulations and protect the fish.

In the counties of St. Jean and Chambly, the fish were abundant last year, especially in the upper portion of the Richelieu river, where bass and doré are of a large size. Eels also, were very plentiful at Iberville; this fishing presented fewer difficulties than formerly and was less remunerative. The regulations regarding fishing were well observed in this part of the district.

In the counties of Missisquoi and Iberville, at Missisquoi bay and Burbet river, fishing was very good last year and more remunerative. The local officers were active and the regulations better observed.

In the counties of Stanstead and Sherbrooke, lakes Massawippi and Memphremagog, the waters of these lakes were well stocked with fish and much fishing was done by sportsmen during the fine season. We noticed an increase in the quantity of trout in lake Memphremagog. A strict watch should be kept on night-lines in this locality. The fishery officers seemed to be attentive to their duties.

In the counties of Shefford and Brome, fishing was better last year. There was no disease among the fish as there was the preceding year, and pike, together with other different kinds of fish were plentiful in the upper part of the Yamaska river.

In the counties of St. Hyacinthe, Bagot, Rouville, the Yamaska river and its tributaries offered more advantages than formerly, both as regards the quantity and quality of the fish. There were, however, certain contraventions to the fishery regulations at different points where spearing is carried on in the Spring.

In the counties of Richmond, Mégantic and Beauce, there was little progress made in the replenishing of the several streams in that part of the district, and there could be no great improvement as long as the saw-mills situated on the different rivers, especially the Chaudière river, disregard the fishery laws. There are few fish in these waters and the regulations are unobserved, the public caring little about protecting the fish.

For the better protection of the fish, I wish to make the following suggestions:—

That a strict watch be kept on night-line fishing; and that it be forbidden from October 15 to June 15.

In all of the St. Lawrence river, together with its tributaries, the use of nets, if not totally forbidden, be allowed only from October 1 to December 31, the mesh of these nets to be not less than 3 inches.

SESSIONAL PAPER No. 22

That the use of seines during the winter, if not all together forbidden, should at least, be closely watched.

I am, sir,

• Your obedient servant,

(Sgd.) C. BERNARD,
Inspector of Fisheries.

REPORT ON THE FISHERIES OF THE ST. LAWRENCE RIVER FROM
HUNTINGDON TO BELLECHASSE ON THE SOUTH SHORE AND
FROM PORTNEUF TO SOULANGES ON THE NORTH SHORE.

To the Superintendent of Fisheries,
Ottawa, Ont.

SIR,—I beg to submit to you my report for the year ended 31st of March 1913, together with the statistical returns.

During the year, I had opportunity to visit the different sections of my district and found conditions to be as follows:

LAKE ST. LOUIS.

Fishing is chiefly done on the South Shore from Dundee to Valleyfield. The law is better observed since a few years. There is scarcely any netting being done now, owing, perhaps, to the overseers being more careful. I must, however, make an exception about Coteau du Lac at 'River Delisle' where there is no fish way on the dam, thereby preventing the fish from going up the river to spawn.

LAKES ST. LOUIS AND TWO MOUNTAINS.

Owing to the disappearance of seines there is an improvement in these two fishing grounds. I must admit, however, that there are still nets for minnows being used but, I may say, on the whole, that the law is better obeyed than previously.

LAPRAIRIE.

There is still reason to complain of the manner in which fishing is being carried on in this district. The closed season is completely ignored and, in my opinion, no improved state of affairs can be expected if the use of nets is not absolutely prohibited in all seasons and for a determined number of years.

CHAMBLY AND VERCHERES.

No improvement can be reported in this district since my last report, although severe punishments are imposed when a case can be made against some offender. Fishing is indulged in on Sundays as well as every day of the week.

RICHELIEU.

It affords me great pleasure to report that the progress stated in my last report is continuing. The stock is improved and contraventions are on the decrease.

4 GEORGE V., A. 1914

LAKE ST. PETER.

To my great regret, I have no progress to report about these fishing grounds. I have seized, destroyed and confiscated large quantities of nets, and that to no effect. It looks as though the overseers were afraid to use their authority. Fishing is indulged in night and day, Sundays included, and with every kind of net.

NICOLET.

What I have just said about Lake St. Peter may be said about this place. The law is completely ignored: small sturgeon, pickerel and immature fish of all kinds are caught in hoop nets, seines with small meshes and night lines. They are sold around the neighbouring country.

In St. Maurice, Maskinongé, Berthier, L'Assomption, Laval, Terrebonne, fishing is done without any restriction whatever. Nets with small meshes are used freely everywhere. Although there are overseers in these parts of my district, they are never seen or heard from. An exception may be made in favour of the overseer of Three Rivers who attends carefully to his duties.

JACQUES CARTIER AND VAUDREUIL.

In both these counties I have ascertained with pleasure that the law is better observed than in previous years.

CHAMPLIN AND PORTNEUF.

No perceptible improvement can be reported. The fishermen persist in claiming that they have been given permits by the former Seigniors of the place and maintain that no law can exist against their freedom.

BELLECHASSE.

I have no improvement to report since last year. Small fish of every kind are caught needlessly.

GENERAL REMARKS.

Licenses are still being granted to fish with nets in small rivers, such as Lachenaie and L'Assomption where game fish go to spawn. The same may be said for other streams in the southern part of my district.

On complaints of saw-dust being thrown from the mills into the streams, I have visited a great number of saw mills and fined the proprietors, obliging them to take the necessary steps to completely stop the nuisance.

I still object to the use of minnow nets which are so destructive to game fish caught this way in great quantities.

I consider it my duty to again call your attention to the serious results which may be expected if adequate control is not established over net fishing in the small tributaries of the St. Lawrence and in all navigable and unnavigable rivers in the Province of Quebec. There should be no net fishing of any kind in the tributaries of the St. Lawrence or other small streams.

The law should require that the size of meshes be not less than three inches extension for hoop-nets. Seines, gill-nets and trap nets should be altogether prohibited.

Fish ways that have been built lately work satisfactorily.

I respectfully suggest that fishing in winter should be completely prohibited for the protection of immature fish.

SESSIONAL PAPER No. 22

It is now an established fact that in counties where illegal fishing has been stopped, since the issuing of the new by-laws, a great change for the better has taken place, and both the quantity and the quality of fish are greatly improved.

The regulations actually in existence, concerning the use of nets and the dimension of the meshes, should be better enforced, and the overseers should receive more stringent instructions for their regular observance.

In my opinion, if progress is not more noticeable in certain parts of my district, it is owing to too much netting in the tributaries of the St. Lawrence river. This abuse constitutes a general blockade which prevents the fish from ascending the streams in the spawning season and causes its capture in an immature condition when coming back in high water. If you add to that the use of small meshes and illegal fishing, the depletion of fish in our rivers is easily accounted for.

It is now, in my opinion, an established fact that in the upper part of my district, where the by-laws are generally better observed, and this for the last couple of years, it is noticeable that a great improvement has taken place, both as to quality and quantity, while in the lower part, there is a considerable decrease.

A remedy that I might suggest would be that from the county of Champlain on the north shore and the county of Nicolet on the south shore of the St. Lawrence river nets of all kinds should be prohibited for a certain number of years, the prohibition extending on both shores up to the bridge of the Pacific Railway at Lachine.

Night lines should also be forbidden from the fifteenth of October to the fifteenth of June of each year.

I beg to state, in conclusion, that in Lake St. Francis, Lake St. Louis and Lake of Two Mountains, the game fish is perceptibly improved in quantity as well as in quality.

I am, sir,

Your obedient servant,

JOS. RIENDEAU,

Inspector of Fisheries.

Longueuil.

N.B.—The overseers referred to in the foregoing report are those employed by and under the control of the Provincial Government.

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry in the County of Bonaventure, Province of Quebec, during the year 1912-13.

Number.	Fishing Vessels, Boats, Tugs, &c.										Fishing Gear.								
	Vessels.					Boats.					Tugs Snacks, &c.			Gill Nets.		Seines.		Trap Nets.	
	Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	
1	Restigouche Subdivision.....	5	350	10000	26	50	1500	1	1500	65				65	500				
2	Bonaventure ".....	1	15	500	3	225	11000	3	1500	225				300	3200	45	1250		
3	Port Daniel ".....								1500	425				400	5800	30	750		
	Totals.....	6	365	10500	29	425	17500	4	3000	715				765	9500	75	2000		

COUNTY OF GASPÉ

4	Grand River Subdivision.....					427	36890	7	2400	1264	2	400	3	1395	25246	8	360		
5	Gaspé Bay ".....					857	72292	28	9400	1788					1907	36268	8	495	
6	Monts Louis ".....					507	13450	14	8300	755					1285	16000			
7	Ste-Anne des Monts Subdiv.....																		
8	Magdalen Islands S. ".....	7	125	4500	35	511	15830	26	5500	1321				4565	24000	23	7400	14	6700
9	Magdalen Islands N. ".....	2	124	2000	22	159	8030	26	7800	406	2	1000	4	550	2750	1	200	21	12400
	Totals.....	9	249	6500	57	2461	146592	101	33400	5534	4	1400	7	9652	104264	40	8455	35	19100

SESSIONAL PAPER No. 22

COUNTY OF SAGUENAY.

10	Godbont	Subdivision	11	148	4500	23	202	4804	1	700	227	*	2	40000	20	356	11325	11	800	...	10
11	Moisie	"	...	...	...	...	32	2075	2	500	58	...	...	...	...	278	5467	6	255	...	11
12	Mingan	"	...	...	...	...	176	13640	...	...	424	...	...	...	...	52	3720	20	1750	...	12
13	Nakashquan	"	...	...	...	...	40	4900	...	...	93	...	...	...	...	50	3500	11	900	...	13
14	Romaine	"	...	...	...	...	38	2550	1	400	48	...	...	...	...	50	665	3	110	...	14
15	St. Augustin	"	...	...	...	...	310	3509	5	1000	48	...	...	...	...	75	3200	28	1700	25	7500
16	Bonne-Esperance	"	4	221	6750	26	258	12415	9	3575	395	...	...	...	...	25	790	35	3725	102	40760
17	Anticosti	"	...	...	...	...	50	2500	...	...	50	1	8000	...	8	35	400	5	500	4	1600
	Totals.	...	15	369	11250	49	1106	52384	18	6175	1763	3	48000	28	921	29067	119	9740	131	49860	17

COUNTY OF RIMOUSKI.

18	County of Rimouski	210	5320	3	1700	320	350	7310	18
----	--------------------	-----	-----	-----	-----	-----	-----	------	---	------	-----	-----	-----	-----	-----	-----	------	-----	-----	-----	----

* Steam whalers.

Return showing the Number of Fishermen, &c., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry in the County of Bonaventure, Province of Québec, during the year 1912-13—*Con.*

Number.	Fishing Districts.	Fishing Gear.								Canneries.				Other Material.				Persons employed in Can-neries, freezers and Fish-houses.	Number.				
		Weirs.		Smelt nets.		Trawls.		Hand lines.		Lobster Traps.		Lobster Canneries.		Whale Factory.		Freezers and Ice-houses.				Smoke and Fish-houses.		Piers and Wharves.	
		Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.			Number.	Value.	Number.	Value.
1	Restigouche Subdiv.....	25	250	30	1200	20	100	400	200	200	200	1	300	...	...	20	600	...	...	2	20000	...	...
2	Bonaventure " .....	...	...	...	...	150	750	800	1400	1400	1400	2	600	...	...	8	250	...	...	75	9000	...	...
3	Port Daniel " .....	...	...	...	...	...	...	...	7000	7000	7000	7	2200	...	...	35	1750	...	...	40	3000	...	...
	Totals.....	25	250	30	1200	170	850	1200	600	8600	8600	10	3100	...	...	63	2600	...	...	115	12000	...	...

COUNTY OF GASPÉ.

Number.	Fishing Districts.	Weirs.		Smelt nets.		Trawls.		Hand lines.		Lobster Traps.		Lobster Canneries.		Whale Factory.		Freezers and Ice-houses.		Smoke and Fish-houses.		Piers and Wharves.		Persons employed in Can-neries, freezers and Fish-houses.	Number.
		Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
			
4	Grand River Subdiv.	...	...	4	200	231	1155	1718	950	15349	14175	12	7350	...	...	10	950	87	84000	6	1900	354	4
5	Gaspé Bay "	...	...	12	900	...	...	3448	3448	3550	3065	5	1650	...	...	18	2250	531	61500	17	21545	326	5
6	Monts Louis "	...	...	...	...	...	...	1400	2735	600	600	1	400	...	...	5	500	27	7800	5	2000	25	6
7	Ste-Anne des Monts Subd.	...	...	...	...	...	...	2845	1740	50930	50100	12	19060	...	...	16	4800	80	8700	8	4500	284	7
8	Magdalen Islands S. Subdiv.	...	...	...	...	...	...	812	200	19925	19925	28	40500	...	...	20	1000	10	2000	19	5750	267	8
9	Magdalen Islands N. "	...	...	...	...	...	...	10223	9073	96354	87865	58	68960	...	...	69	9500	735	164000	55	35605	1256	9
	Totals...	...	...	16	1100	1211	6055	10223	9073	96354	87865	58	68960	...	...	69	9500	735	164000	55	35605	1256	

SESSIONAL PAPER No. 22

COUNTY OF SAGUENAY.

10	Godbout	Subdiv.	81	8100	2	150	15	75	396	118	150	150	†	1	350	...	...	50000	94	5000	7	160	1	175	23	10
11	Moisie	"	...	...	...	...	11	55	77	77	...	...	...	...	...	...	...	...	5	1300	22	565	1	500	80	11
12	Mingan	"	...	...	...	...	...	...	1056	750	100	100	...	...	...	...	...	...	25	5000	58	30000	10	20000	60	12
13	Natashquan	"	...	...	...	...	...	...	264	130	700	700	4	...	150	...	...	...	5	600	12	15000	8	1000	49	13
14	Romaine	"	...	...	...	...	...	...	60	50	1830	1830	8	...	1025	...	...	...	...	...	40	1000	25	2000	49	14
15	St. Augustin	"	...	...	...	...	...	...	1850	500	3000	3000	30	...	2500	...	...	...	...	...	320	6350	75	3650	60	15
16	Bonne Esperance	"	...	...	...	...	...	...	1090	274	200	200	2	...	100	...	...	...	...	...	75	5000	84	13665	65	16
17	Anticosti	"	...	...	...	...	...	...	50	30	3000	3000	1	...	8000	...	...	...	2	1400	2	500	2	50000	50	17
	Totals..	...	81	8100	223	6465	87	435	4843	1929	8980	8980	47	12630	1	50000	131	13300	651	59275	206	90390	438			

COUNTY OF RIMOUSKI.

18	County of Rimouski	...	63	4870	250	250	18
----	--------------------	-----	----	------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----

* Seal nets. † Not operated.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Bonaventure, Province of Quebec, during the year 1912-13.

Fishing Districts.	Salmon, * cwt.s.	Salmon, value.	Lobsters, cwt.s.	Lobsters, value.	Cod, cwt.s.	Cod, value.	Haddock, cwt.s.	Haddock, value.	Hake and Cusk, cwt.s.	Hake and Cusk, value.	Herring, cwt.s.	Herring, value.	Mackerel, cwt.s.	Mackerel, value.	Capelin, cwt.s.	Capelin, value.	Sardines, brls.	Sardines, value.	Number.
1 Subdivision of Restigouche.....	1050	10500	15	45	520	250	.....	.....	.....	.....	16200	12150	.....	.....	.....	.....	.....	.....	1
2 " Bonaventure.....	410	4100	935	2805	25550	12775	950	475	2400	1200	27600	20700	.....	.....	.....	2500	.....	.....	2
3 " Port Daniel.....	350	3500	1647	4941	21050	10525	1605	802	1080	540	12900	9675	230	1150	.....	.....	.....	.....	3
Totals	1810	18100	2557	7671	47120	23560	2555	1277	3480	1740	56700	42525	230	1150	10000	2500	.....	.....	.....

COUNTY OF GASPÉ.

4	Subdivision of Grand River	420	4200	5720	17160	86462	43231	1321	660	.....	.....	40000	20000	.....	.....	.....	.....	4
5	" " Gaspé Bay	399	3990	1177	3531	138150	69075	2550	1275	.....	.....	54600	27300	.....	.....	.....	.....	5
6	Subdiv. of Monts Louis and St. Anns	325	3250	113	339	26600	13300	.....	.....	.....	.....	41730	20865	.....	.....	.....	.....	6
7	" " Magdalen Islands South.....	.....	.....	14562	43686	74025	37012	.....	.....	.....	.....	38830	19415	8856	44280	.....	.....	7
8	" " " North.....	.....	.....	21587	64761	3500	1750	.....	.....	.....	.....	70550	35275	2700	13500	.....	.....	8
	Totals	1144	11440	43159	129477	328737	164368	3871	1935	.....	.....	245710	122855	11556	57780	.....	.....	.....

SESSIONAL PAPER No. 22

COUNTY OF SAGUENAY.

[illegible]

COUNTY OF RIMOUSKI.

17 County of Rimouski.....	230	2300	220	110	43678	21889	250	125 17
----------------------------	-----	------	-------	-----	-----	-------	-------	-------	-------	-----	--------

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Bonaventure, Province of Quebec, during the year 1912-1913—*Concluded*.

Number.	Fishing Districts.	Halibut, cwt.	Halibut, value.	Flounders, cwt.	Flounders, value.	Smelts, cwt.	Smelts, value.	Trout, cwt.	Trout, value.	Eels, cwt.	Eels, value.	Tom-cod, cwt.	Tom-cod, value.	Mixed fish, cwt.	Mixed fish, value.	Squid, brl.	Squid, value.	Clams, brl.	Clams, value.	Whales, number.	Whales, value.	Number.
1	Subdivision of Restigouche.	.....	.....	.....	.....	1470	8820	50	500	35	175	230	230	.....	.....	75	150	200	400	.....	.....	1
2	" Bonaventure.	.....	.....	400	200	160	960	40	400	100	500	25	25	.....	.....	80	160	560	1120	.....	.....	2
3	" Port Daniel.	50	400	300	150	1500	9000	25	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
	Totals	50	400	700	350	3130	18780	115	1150	135	675	255	255	..	..	155	310	760	1520	.....	.....

COUNTY OF GASPE.

Number.	Fishing Districts.	Halibut, cwt.	Halibut, value.	Flounders, cwt.	Flounders, value.	Smelts, cwt.	Smelts, value.	Trout, cwt.	Trout, value.	Eels, cwt.	Eels, value.	Tom-cod, cwt.	Tom-cod, value.	Mixed fish, cwt.	Mixed fish, value.	Squid, brl.	Squid, value.	Clams, brl.	Clams, value.	Whales, number.	Whales, value.	Number.
4	Subdivision of Grand River.	.....	.....	.....	.....	338	2028	25	250	.....	.....	.....	.....	.....	.....	.....	.....	250	500	.....	.....	4
5	" Gaspé Bay	.....	.....	.....	.....	190	1140	30	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
6	Subdiv. Monts Louis and St. Anns.	.....	.....	.....	.....	.....	.....	50	500	.....	.....	.....	.....	.....	.....	.....	.....	335	670	.....	.....	6
7	" Magdalen Islands South.	118	944	.....	.....	61	366	35	350	108	540	.....	.....	.....	.....	.....	.....	50	100	.....	.....	7
8	" Magdalen Islands North.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
	Totals	118	944	.....	.....	589	3534	140	1400	108	540	.....	.....	.....	.....	.....	.....	635	1270	.....	.....

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State for the County of Bonaventure, Province of Quebec, during the year 1912-13.

Fishing District.	Salmon fresh and frozen. * cwt.	Salmon salted, cwt.	Lobsters canned, cases.	Lobsters shipped in shell, cwt.	Cod fresh, cwt.	Cod shipped green-salted, cwt.	Cod dried, cwt.	Haddock fresh, cwt.	Haddock dried, cwt.	Hake and Cusk dried, cwt.	Herring fresh, cwt.	Herring smoked, cwt.	Herring pickled, brls.	Herring, used as bait, brls.	Herring used as fertilizer, brls.	Mackerel, fresh, cwt.	Mackerel, salted, brls.	Number.
1 Subdiv. of Restigouche	1030			15	100		140				300		500	200	7000			1
2 " Bonaventure	410		360	35	150	1000	7800	50	300	800	400	700	600	500	11500			2
3 " Port Daniel	350		650	22	150	1000	6300		535	354	200		300	600	5300	20	70	3
Totals for County of Bonaventure..	1810		1010	72	400	2000	14240	50	835	1160	900	700	1400	1300	23800	20	70	
Rates	12		18	5	1	2.50	5.50	2	3.50	3	1	2	5	1.50	.50	10	16	
Values	21720		18180	360	400	5000	78320	100	2922	3480	900	1400	7000	1950	11900	200	1120	

COUNTY OF GASPÉ.

Fishing District.	Salmon fresh and frozen. * cwt.	Salmon salted, cwt.	Lobsters canned, cases.	Lobsters shipped in shell, cwt.	Cod fresh, cwt.	Cod shipped green-salted, cwt.	Cod dried, cwt.	Haddock fresh, cwt.	Haddock dried, cwt.	Hake and Cusk dried, cwt.	Herring fresh, cwt.	Herring smoked, cwt.	Herring pickled, brls.	Herring, used as bait, brls.	Herring used as fertilizer, brls.	Mackerel, fresh, cwt.	Mackerel, salted, brls.	Number.
4 Subdiv. of Grand River	420		2982	15			28821		440		500		1500	10000	7500			4
5 " Gaspé Bay	399		455	40		6650	46050		850		600		4000	12500	8500			5
6 " Monts Louis and Ste. Anne	325		45				4433				500		9000	4790	232			6
7 " Magdalen Islands South			5825				24075				600		1500	12000	4115		2952	7
8 " Magdalen Islands North			8335				1166				700		1300	30000	2500		900	8
Totals for County of Gaspé	1144		17242	55		6650	105145		1290		2900	2800	16250	69290	24940		3852	
Rates ..	12		18	5		2.50	5.50		3.50		1	2	5	1.50	.50		16	
Values	13728		310356	275		16625	578297		4615		2900	5600	81250	103935	12470		61632	

SESSIONAL PAPER No. 22

RECAPITULATION

OF the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the **Gulf Division** (Sea Fisheries District) Province of **Quebec**, during the Year 1912-13.

Kinds of Fish.	Caught and landed in a green state.		Marketed.		Total marketed value.
	Quantity.	Value.	Quantity.	Value.	
Salmon cwt.	8,946	\$ 87,236		\$	\$
" used fresh and frozen "			7,834	94,008	
" salted cwt.			886	7,088	101,096
Lobsters "	50,450	151,350			
" canned cases.			20,139	362,502	
" shipped in shell cwt.			145	725	363,227
Cod "	478,573	239,286			
" used fresh "			400	400	
" shipped green-salted "			12,655	31,637	
" dried "			150,954	830,246	862,283
Haddock "	6,426	3,212			
" used fresh "			50	100	
" dried "			2,125	7,537	7,637
Hake and Cusk "	3,480	1,740			
" dried "			1,160	3,480	3,480
Herring "	358,709	195,197			
" used fresh "			4,300	4,300	
" smoked "			4,250	8,509	
" pickled brls.			25,223	126,115	
" used as bait "			73,140	109,710	
" used as fertilizer "			61,979	30,989	279,614
Mackerel cwt.	11,786	58,930			
" used fresh "			20	200	
" salted brls.			3,922	62,752	62,952
Capelin cwt.	17,464	4,366			
" used fresh "			17,464	4,366	4,366
Sardines "	266	133			
" used fresh and salted "			266	532	532
Halibut cwt.	504	4,032	504		5,040
Flounders "	700	350	700		350
Smelts "	4,019	24,114	4,019		32,152
Trout "	627	6,270	627		6,270
Eels "	399	1,995	399		1,995
Tom cod "	255	255	255		255
Mixed fish "	6,030	12,060	6,030		12,060
Squid brls.	155	310	155		620
Clams and Quahaugs "	1,614	3,228			
" " used fresh "			1,614	6,456	6,456
Tongues and Sounds cwt.			90		450
Whales No.	90	63,000			
Hair seal skins "			16,165		20,206
Beluga skins "			47		235
Fish oil gals.			134,957		40,487
Whale oil "			149,310		44,793
Guano—from whales tons.			311		10,885
Whale bone "			11		4,950
Totals		857,064			1,872,391

4 GEORGE V., A. 1914

RECAPITULATION

OF the Number of Fishermen, etc., and of the Number and Value of Fishing Vessels, Boats, Nets, etc., in the **Gulf Division** (Sea Fisheries District), Province of **Quebec**, for the year 1912-13.

	Number.	Value.
		\$
Vessels	30	28,250
Boats (sail).....	4,202	221,796
" (gasoline).....	126	44,275
Tugs, Smacks, etc., and 2 steam whalers.....	7	49,400
Gill Nets	11,688	150,141
Seines.....	234	20,195
Trap, Smelt Nets, and seal nets.....	435	77,725
Weirs	169	13,220
Trawls	1,468	7,340
Hand Lines ..	16,516	11,852
Lobster traps.....	113,934	105,445
" Canneries.....	115	84,690
Freezers and Ice-houses.....	263	25,400
Smoke and Fish-houses.....	1,501	343,275
Piers and wharves.....	263	146,685
Whale Factory.....	1	50,000
Totals.....		1,379,689

Number of men employed on Vessels and Tugs.....	170
" " Boats.....	8,332
Number of persons employed in Fish-houses, Freezers, Canneries, &c.....	1,944
Total men employed.....	10,446

INLAND FISHERIES

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, for the Inland Section of the Gulf Division, Province of Quebec, during the Year 1912-13.

Numbers.	Fishing Districts.	Salmon, cwts*.	Salmon, value.	Trout, cwts.	Trout, value.	Whitefish, cwts.	Whitefish, value.	Herring, cwts.	Herring, value.	Bass, cwts.	Bass, value.	Pickarel, cwts.	Pickarel, value.	Pike, cwts.	Pike, value.	Sturgeon, cwts.	Sturgeon, value.	Eels, cwts.	Eels, value.	Shad, cwts.	Shad, value.	†Mixed Fish, cwts.	Mixed Fish, value.	Numbers.
1	County of Témiscouata.	25	300	50	500	...	...	10000	5000	...	...	...	...	...	...	20	100	25	100	15	150	25	75	1
2	" Kamouraska.	10	120	50	500	...	...	1000	500	50	750	20	200	...	...	25	125	235	1175	15	150	30	90	2
3	" L'Islet. ....	...	...	...	...	...	...	...	...	50	750	25	250	...	...	30	150	30	150	10	100	40	120	3
4	" Montmagny.	10	120	...	...	15	150	...	...	150	2250	100	1000	...	250	750	3750	430	2150	25	250	50	150	4
5	" Chicoutimi.	40	480	75	750	...	...	...	250	...	...	50	500	50	...	...	...	...	...	...	...	35	105	5
6	" Charlevoix.	28	336	100	1000	30	300	500	...	200	3 00	120	1200	...	...	420	2100	500	2500	50	500	150	450	6
7	" Montmorency.	5	60	250	2500	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
8	" Québec. ....	...	...	300	3000	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
	Totals.	118	1416	825	8250	45	450	11500	5750	450	6750	330	3300	50	250	1245	6225	1220	6075	115	1150	430	1290	
Total Value of Fish.																							\$40,906	

All consumed in Canada. None exported to United States.

*Cwts. = 100 lbs. *Smelt, Suckers and Tom-cod.

SESSIONAL PAPER No. 22

RETURN showing the Number of Fishermen, etc., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material, used in the Fishing Industry in the **Eastern Townships**, Province of **Quebec**, during the year 1912-13.

Number.	Fishing Districts.	Boats.			Seines.		Hoop-Nets.		Lines.	
		Sail.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.
	<i>Eastern Townships.</i>		\$			\$		\$		\$
1	Counties of Chambly and St. Jean— Richelieu River from St. Ours to Lake Champlain.....	40	600	40	5	200	50	750	18	90
2	Counties of Missisquoi and Iberville— Bay Missisquoi and Pike River.....	35	700	50	25	1000				
3	Counties of Stanstead and Sherbrooke— Lakes Memphremagog and Missisquoi; River Magog and St. Francis	20	400	30					25	125
4	Counties of Shefford and Brome; Lake Brome and Yamaska River.....	20	400	25					15	75
5	Counties of Yamaska and St. Hyacinthe, Bagot and Rouville—Yamaska River.	45	450	45	4	100	75	750	25	125
6	Counties of Richmond and Wolfe, Me- gantac and Beauce.....	25	250	25					20	100
	Totals.....	185	2800	215	34	1300	125	1500	103	515

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, for the Eastern Townships, Province of Quebec, during the year 1912-13.

Number.	Fishing Districts.	Salmon, cwt.*	Salmon, value.	Trout, cwt.	Trout, value.	Whitefish, cwt.	Whitefish, value.	Bass, cwt.	Bass, value.	Pickarel, cwt.	Pickarel, value.	Pike, cwt.	Pike, value.	Sturgeon, cwt.	Sturgeon, value.	Eels, cwt.	Eels, value.	Perch, cwt.	Perch, value.	Maskinonge, cwt.	Maskinonge, value.	Mixed fish, cwt.	Mixed fish, value.	Number.
<i>Eastern Townships.</i>																								
1	Countries of Chambly and St. Jean, Richelieu River from Saint-Ours to Lake Champlain.....	.....	.....	.....	.....	.....	.....	50	500	38	380	185	1110	25	200	155	930	420	2100	15	150	665	3325	1
2	Countries of Missisquoi and Ilerveville — Bay Missisquoi and Pike River.....	.....	.....	.....	.....	85	850	42	420	510	5100	65	390	.....	.....	.....	.....	500	2500	.....	.....	700	3500	2
3	Countries of Stanstead and Sherbrooke — Lake Memphremagog and Missisquoi — River Magog and St. Francis.....	25	500	155	1860	63	630	60	600	75	750	85	510	.....	.....	40	240	140	700	.....	.....	230	1150	3
4	Countries of Shefford and Brone — Lake Brone and Yamaska River.....	.....	.....	55	660	.....	.....	75	750	75	750	130	780	.....	.....	32	192	80	400	.....	.....	90	450	4
5	Countries of Yamaska, St. Hyacinthe, Bagot and Rouville — Yamaska River.....	.....	.....	.....	.....	.....	.....	35	350	50	500	70	420	20	160	40	240	120	600	20	200	380	1900	5
6	Countries of Richmond and Wolfe, Megantic and Beauce.....	.....	.....	5	60	.....	.....	15	150	28	280	48	288	.....	.....	10	60	50	250	.....	.....	70	350	6
	Totals.....	25	500	215	2580	153	1530	277	2770	776	7760	583	3498	45	360	277	1662	1310	6550	35	350	2135	10675	

Quantity consumed in Canada ‡. Quantity exported to U.S.A. §. †“Mixed Fish” includes catfish, greyling, bullheads, goldeyes and ouananiche.

*Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

RETURN showing the Number of Fishermen, etc., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material, used in the Fishing Industry from the boundary line, County of **Huntingdon to Bellechasse** on the South Shore and from the County at **Portneuf** to County of **Soulanges**, inclusive on the North Shore, Province of **Quebec**, during the year 1912-13.

Number	Fishing Districts.	Boats.				Gill-Nets.		Seine.		Hoop-Nets.		Lines.		Weirs.		Freezers and Fish-houses.	
		Canoes.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.
1	From Huntingdon, Soulanges, Beauhar-	60	600			60						400	200				1
2	nois, Vaudreuil and Lake St. Francis...	20	200			20						400	200				2
3	Lake St. Louis...	10	100			20	10	30				25	25				3
4	La Prairie...	25	250			50						100	50				4
5	Chambly...	10	100			20						100	50				5
6	Vercheres...	30	300			34						400	200				6
7	Richelieu...	60	600	2	200	74						500	250				7
8	Yamaska...	60	600	2	200	54						500	250				8
9	Nicolet...	60	600			60						500	250				9
10	Champlain and St. Maurice...	60	600			60						500	250				10
11	Maskinonge and Portier...	60	600			60						500	250				11
12	Assomption and Terrebonne...	25	250			25						250	125				12
13	Laval and Lake of Two Mountains...	50	500			50						500	250				13
14	Hochelega and Jacques-Cartier...	25	250			25						300	150				14
	Bellechasse...	48	1140			48											23
	Totals...	533	5,990	6	600	600	1070	1210	79	2095	2331	4225	2125	24	16750	23	2500

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, from the boundary line, County of Huntingdon to Bellechasse on the South Shore, and from County of Portneuf to County of Soulanges, inclusive on North Shore, in the Province of Quebec, during the year 1912 to March 31, 1913.

Number.	Fishing Districts.	Salmon, * cwt.s.	Salmon, value.	Trout, cwt.s.	Trout, value.	Whitefish, cwt.s.	Whitefish, value.	Bass, cwt.s.	Bass, value.	Pickarel, cwt.s.	Pickarel, value.	Pike, cwt.s.	Pike, value.	Sturgeon, cwt.s.	Sturgeon, value.	Elcls, cwt.s.	Elcls, value.	Perch, cwt.s.	Perch, value.	Maskinonge, cwt.s.	Maskinonge, value.	Shad, cwt.s.	Shad, value.	†Mixed fish, cwt.s.	Mixed fish, value.	Number.
1	Lake St. Francis and Tributaries	...	...	...	...	...	...	60	720	85	356	15	75	60	420	500	2500	40	200	25	300	...	...	60	180	1
2	Chateaugay and Lake St. Louis.	...	...	...	...	250	2500	110	1320	30	300	20	100	30	210	40	200	50	250	10	120	...	...	50	150	2
3	Laprairie County.	...	...	...	...	2	20	20	240	20	200	6	30	2	14	12	60	20	100	3	36	4	32	70	210	3
4	Chambly County.	...	...	...	...	4	40	5	60	6	60	4	20	5	35	10	50	10	50	2	24	...	...	8	24	4
5	Vercheres County.	...	...	...	...	...	...	3	36	20	200	15	75	10	70	75	375	30	150	2	24	...	...	150	450	5
6	Richelieu County.	...	...	...	...	2	20	1	12	5	50	5	25	5	35	10	50	5	25	2	24	...	...	250	750	6
7	Yamaska County.	...	...	...	...	...	...	6	72	25	250	40	200	40	280	100	500	75	375	2	24	...	...	24	1200	7
8	Nicolet County.	...	...	...	...	4	40	15	180	60	600	50	250	20	140	100	375	50	250	3	36	...	...	30	240	8
9	Champlain and St. Maurice Counties.	...	...	...	...	...	...	3	36	15	150	20	100	20	140	100	500	30	150	3	36	...	...	40	320	9
10	Maskinongé and Berthier Counties.	...	...	...	...	...	...	8	96	11	110	10	50	50	350	100	500	60	300	3	36	...	...	6	48	10
11	L'Assomption and Terrebonne Counties.	...	...	...	...	...	...	25	300	20	200	5	25	20	140	20	100	10	50	2	24	...	...	15	120	11
12	Laval and Lake of Two Mountains Cities.	...	...	...	...	...	...	6	72	6	60	6	30	10	70	10	50	7	35	5	60	...	...	20	60	12
13	Hochelaga and Jacques Cartier Counties.	...	...	...	...	...	...	10	120	15	150	6	30	10	70	40	200	15	75	4	48	...	...	5	15	13
14	Vaudreuil County.	...	...	...	...	...	...	...	...	34	340	...	...	100	700	568	2840	...	...	...	...	...	...	65	195	14
15	Bellechasse County.	2	30	...	...	49	490	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
	Totals.	2	30	200	3000	311	3110	278	3336	317	3170	252	1260	452	3164	1670	8350	412	2060	72	864	182	1456	2303	6909	

* Cwt. = 100 lbs. † "Mixed Fish" includes catfish, greyling, bull-heads, goldeyes and onananche.

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Yield and Value of the Fisheries of the **Inland Fisheries** of the Province of
Quebec, during the Year 1912-13.

Kinds of Fish.	Quantity.	Value.
		\$
Salmon.....*Cwts.	145	1,946
Trout....."	1,240	13,830
Whitefish....."	509	5,090
Bass....."	1,005	12,856
Pickarel....."	1,423	14,230
Pike....."	855	5,008
Sturgeon....."	1,742	9,749
Eels....."	3,167	16,087
Perch....."	1,722	8,610
Maskinongé....."	107	1,214
Herring....."	11,500	5,750
Shad (fresh)....."	297	2,606
Mixed Fish....."	4,868	18,874
Total.....		115,850

*Cwts. = 100 lbs.

4 GEORGE V., A. 1914

RECAPITULATION

Of the Number and Value of Vessels, Boats, Nets, Traps, &c., used in the Fisheries of the **Inland Fisheries** of the Province of **Quebec**, during the Year 1912-13.

	Number.	Value.
		\$
Boats (gasoline).....	6	600
" (sails) and row.....	792	10,415
Gill-nets.....	1,101	2,010
Seines and other nets.....	2,682	17,460
Lines.....	4,461	9,290
Freezers and Ice-Houses.....	58	3,200
Smoke and Fish-houses.....	20	700
Weirs.....	24	16,750
Total.....		60,425

Number of men employed in Boats 881

Number of persons employed in Fish-Houses, Freezers, &c..... 25

940

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the **Whole** Province of **Quebec**, during the Year 1912-13.

Kinds of Fish.	Sea Fisheries.				Inland Fisheries.		Marketed, Both Fisheries.		Total Marketed Value.
	Caught and landed in a Green State.		Marketed.		Caught and Marketed				
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
		\$		\$		\$		\$	
Salmon.....cwt.	8,946	87,236							
" used fr. and frozen "			7,834	94,008	145	1,946	7,979	95,954	
" salted....."			886	7,088			886	7,088	103,042
Lobsters....."	50,450	151,350							
" canned.....cases.			20,139	362,502			20,139	362,502	
" shipp. in shell. "			145	725			145	725	363,227
Cod.....cwt.	478,573	239,286							
" used fresh....."			400	400			400	400	
" ship.green-salted "			12,655	31,637			12,655	31,637	
" dried....."			150,954	830,246			150,954	830,246	862,283
Haddock....."	6,426	3,212							
" used fresh....."			50	100			50	100	
" dried....."			2,125	7,537			2,125	7,537	7,637
Hake and Cusk...."	3,480	1,740							
" " dried....."			1,160	3,480			1,160	3,480	3,480
Herring....."	358,709	195,197							
" used fresh....."			4,300	4,300	11,500	5,750	15,800	10,050	
" smoked....."			4,250	8,500			4,250	8,500	
" pickled.....brls.			25,223	126,115			25,223	126,115	
" used as bait....."			73,140	109,710			73,140	109,710	
" " fertilizer "			61,979	30,989			61,979	30,989	285,364
Mackerel.....cwt.	11,786	58,930							
" used fresh....."			20	200			20	200	
" salted.....brls.			3,922	62,752			3,922	62,752	62,952
Shad, used fresh....cwt.					297	2,606	297	2,606	2,606
Capelin....."	17,464	4,366							
" used fresh.....brls.			17,464	4,366			17,464	4,366	4,366
Sardines.....brls.	266	532							
" used fr.and salted "			266	532			266	532	532
Halibut.....cwt.	504	4,032	504	5,040			504	5,040	5,040
Flounders....."	700	350	700	350			700	350	350
Smelts....."	4,019	24,114	4,019	32,152			4,019	32,152	32,152
Trout....."	627	6,270	627	6,270	1,240	13,830	1,867	20,100	20,100
Whitefish....."					509	5,090	509	5,090	5,090
Pickarel....."					1,423	14,230	1,423	14,230	14,230
Sturgeon....."					1,742	9,749	1,742	9,749	9,749
Bass....."					1,005	12,856	1,005	12,856	12,856
Eels....."	399	1,995	399	1,995	3,167	16,087	3,566	18,082	18,082
Tom-cod....."	255	255	255	255			255	255	255
Pike....."					855	5,008	855	5,008	5,008
Mixed fish....."	6,030	12,060	6,030	12,060	4,868	18,874	10,898	30,934	30,934
Squid.....brls.	155	310	155	620			155	620	620

RECAPITULATION

OF the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the **Whole** Province of **Quebec**, during the Year 1912-13—*Continued.*

Kinds of Fish.	Sea Fisheries.				Inland Fisheries.		Marketed, Both Fisheries.		Total Marketed Value.
	Caught and landed in a Green State.		Marketed.		Caught and Marketed.				
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity	Value.	
		\$		\$		\$		\$	
Perch.....cwts.					1,722	8,610	1,722		8,610
Clams and Quahangs.. "	1,614	3,223							
" used fresh..... "			1,614	6,456			1,614		6,456
Maskinongé..... "					107	1,214	107		1,214
Tongues and Sounds.. "			90	450			90		450
Whales.....No.	90	63,000							
Hair seal skins..... "			16,165	20,206			16,165		20,206
Beluga skins..... "			47	235			47		235
Fish oil.....gals.			134,957	40,487			134,957		40,487
Whale oil..... "			149,310	44,793			149,310		44,793
Guano..... tons			311	10,885			311		10,885
Whale bone..... "			11	4,950			11		4,950
Totals.....		857,064		1,872,391		115,850			1,988,241

RECAPITULATION

	Number.	Value.
		\$
Vessels	30	28,250
Boats (sail)	4,994	232,211
" (gasoline)	132	44,875
Tugs, Smacks, etc.	7	49,400
Gill Nets	12,789	152,151
Seines	2,916	37,655
Trap and Smelt Nets	435	77,725
Weirs	193	29,970
Trawls	1,468	7,340
Hand Lines	20,977	21,142
Lobster Traps	113,934	105,445
Lobster Canneries	115	84,690
Freezers and Ice-houses	321	28,600
Smoke and Fish-houses	1,521	343,975
Piers and Wharves	263	146,685
Whale Factory	1	50,000
Total value		1,440,114

Number of men employed on Vessels and Tugs.....	170
" " Boats	9,247
Number of persons employed in Fish-houses, Freezers, Canneries, &c.....	1,969
	<hr/> 11,386

APPENDIX No. 7.

ONTARIO

DISTRICT No. 1.—COMPRISING RAINY RIVER, THUNDER BAY, PARRY SOUND, &c., DISTRICTS. INSPECTOR, T. J. FOSTER, SAULT STE. MARIE, ONT.

DISTRICT No. 2.—COMPRISING PART OF THE COUNTY OF BRUCE, THE COUNTIES OF HURON, LAMBTON, ESSEX, KENT, ELGIN, &c., AND LAKES HURON, ST. CLAIR AND ERIE. INSPECTOR, O. B. SHEPPARD, TORONTO, ONT.

DISTRICT No. 3.—COMPRISING LAKE ONTARIO AND THE EASTERN COUNTIES OF THE PROVINCE. INSPECTOR, J. S. HURST, BELLEVILLE, ONT.

N. B.—The fisheries of Ontario are administered by the Provincial Government. This Department merely exercises a general supervision.

REPORT ON THE FISHERIES OF DISTRICT No. 1.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my report on the fisheries of the north-western division of the province of Ontario, for the fiscal year 1912-13.

As far as I have been able to ascertain, I find that the laws are being generally enforced and there seems to be a general disposition on the part of sportsmen and licensed fishermen for a better voluntary observance of the laws. Owing to this observance especially during close season, there has been a general increase in commercial fishing.

I have caused the removal of a number of dams and other obstructions in the Chippewa and other rivers. A fishway has been constructed, under my supervision, in the Thessalon river and there has been a consequent increase in the game fisheries in these waters.

I regret that no action has been taken in regard to making a close season for Rainbow trout. They are getting to be numerous in the Sault rapids but in a few instances are being wantonly destroyed in spawning season.

The patrol boat *Kathleen* was found unsuitable for the work, and has been disposed of.

I still believe that a better patrol system should be established and maintained, especially along these International waters. The poachers come chiefly from the United States and a swift boat is required to maintain a proper service, especially during close season.

As the Provincial officers are also game wardens and are very busy during that season, I find they are not able to give the fisheries the attention they should have at that particular season.

I am, Sir,

Your obedient servant,

T. J. FOSTER,

Inspector of Fisheries.

SESSIONAL PAPER No. 22

REPORT ON THE FISHERIES OF DISTRICT No. 2.

To the Superintendent of Fisheries,
Ottawa.

DEAR SIR,—I have the honour to submit my report on the fisheries of my district for the fiscal year 1912-13.

The angling or sportsman fishing shows a slight falling off in the waters to which there is easy access from the cities and towns, but in waters more remote the fishing is reported to be as good as in former years. I am pleased to report that the much talked of carp has not proved nearly as dangerous as anticipated and that large quantities are being shipped to New York and other American cities and sold at prices ranging from four to six cents per pound and in some cases even more, the demand for them is also increasing in Canada, especially in the large cities and I am inclined to think that as people learn to prepare and cook them in different ways that this demand will gradually increase as the prejudice against their use as a food is gradually wearing away.

I would not, however, recommend any close season for carp at the present time, as they are very prolific breeders and increase very rapidly and I think will reproduce themselves to such an extent that very little diminution of their numbers may be looked for, even with an all year open season and every facility given fishermen to take them.

The law is being fairly well enforced by the provincial authorities, but I think too many licenses are being issued in some districts and am strongly of the opinion that the use of the seine should be entirely done away with except for catching carp, as it is certainly the most destructive method of catching fish.

I am, Sir,

Your obedient servant,

O. B. SHEPPARD,

Inspector of Fisheries.

REPORT ON THE FISHERIES OF DISTRICT No. 3.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my report on the fisheries of eastern Ontario for the fiscal year 1912-13.

Commercial fishing for such as suckers, pike, bullheads and coarse fish, was very good in the spring of 1912. Commercial fishing for whitefish was hardly up to the average in the Bay of Quinté, owing to the continued rain and muddy water. I have had numerous complaints from residents living inland or around inland lakes that the large numbers of coarse fish which frequent the waters have in some places almost exterminated the game fish.

I have visited nearly all the important fisheries in my district and found the fishermen very much pleased at what the Department is doing in the way of restocking, in fact I was informed by some old fishermen, that the whitefish are more plentiful than they were twenty years ago. I would be pleased to see more hatcheries, especially

4 GEORGE V., A. 1914

one on the Bay of Quinte. In my opinion the fry that are deposited in the Bay of Quinte each spring are sufficiently matured to be able to take care of themselves by the time they reach lake Ontario.

I am pleased that the Department continues to give attention to the question of fishways through dams; it affords better fishing inland, by allowing the fish to ascend to the natural spawning grounds. I was also pleased to see that the taking of lunge and trout through the ice was prohibited. It is my opinion that a close season for pickerel from December 15 to May 15 would be beneficial, also that the close season for salmon or grey trout in the inland lakes should commence October 15.

Owing to the wet, cold season of 1912, the tourist trade was hardly up to the average, although anglers enjoyed splendid bass fishing in the fall.

The law in my district has been very well observed. I have had the hearty support of the officers of the local government in suppressing any irregularities.

I am, Sir,

Your obedient servant,

J. S. HURST,

Inspector of Fisheries.

SESSIONAL PAPER No. 22

SUMMARY

Of the Yield and Value of the Fisheries in the whole Province of **Ontario**, during
the year 1912.

Kinds of Fish.	Quantity.	Value.
		\$
Trout.....	*cwts. 63,707	592,769
Whitefish.....	" 58,897	567,809
Herring.....	" 170,677	853,394
Pickarel.....	" 26,656	266,561
Pike.....	" 24,732	197,856
Sturgeon.....	" 3,092	46,385
Eels.....	" 2,525	15,155
Perch.....	" 13,931	69,659
Tullibee.....	" 4,319	25,917
Cat-fish.....	" 6,320	50,567
*Mixed Fish.....	" 35,670	146,736
Caviare.....	" 95	9,543
Bladders.....	No. 876	526
Totals.....		2,842,877

*Cwts. = 100 lbs. †Mixed fish includes Carp, Buffalo fish and Dog fish.

SUMMARY

Of the Number and Value of Vessels, Boats, Nets, Traps, etc., used in the Fisheries in the whole Province of **Ontario**, during the year 1912.

	Number.	Value.
		\$
Tugs (3,388 tons).....	197	449,675
Boats (gasoline, sail).....	1,651	183,030
Gill-nets,.....	96,970	678,796
Seines and other nets.....	1,766	269,824
Lines (of 100 hooks each).....	402	1,962
Spears.....	226	423
Freezers and Ice-houses.....	458	167,967
Piers and Wharves (private).....	101	56,733
Totals.....		1,808,424

Number of men employed in Tugs.....	792
" " Boats.....	2,812

3,604

APPENDIX No. 8.

MANITOBA

REPORT ON THE FISHERIES OF THE PROVINCE.

To the Superintendent of Fisheries,
Ottawa, Ont.

SIR,—I have the honour to submit my report on the fisheries of Manitoba for the year ended March 31, 1913, together with statistical returns, showing the yield and value of fish, and the material, etc., used.

The summer fishery in Lake Winnipeg was very good, and all the companies, with one exception, had their allotted amount before the 15th of August. The fish were of good quality and of good size.

Winter fishing on Lake Winnipeg was not very successful; a north-west storm broke up the ice about the first of January, and caused a great loss of netting to the fishermen. The winter catch in the Pas district was very good. The local officer, as a result of careful inquiries of the Indians, is enabled to report a decided improvement everywhere.

The fishing in Clearwater Lake was better than ever before. This is the first year that Sturgeon Lake and Rock Lake have been fished. They both gave good results. The quality of the whitefish taken from these lakes was described as splendid.

The catch of whitefish in Lake Manitoba was less than in the previous year; but the catches of pickerel and all other kinds are about equal to those of last year.

The fishery in Lake St. Martin was far below the average; in fact it did not pay to fish it during the winter. This lake in my opinion should be closed to commercial fishing for some years. It is at the head waters of the Little Saskatchewan river, and therefore forms a great spawning place for whitefish.

I find that the fisheries regulations are being very well observed by the fishermen. There was some trouble last spring with illegal fishing at the St. Andrews Locks; also on the Little Saskatchewan spawning grounds, where a quantity of fish was seized. There has been no trouble so far with regard to the size of mesh. Overseers throughout the district report that the ice was kept clean of all refuse during the fishing season.

The following report from Fishery Officer Settee, may be of interest: 'A short time ago I visited Bear, Pelican and Sturgeon Lakes. Bear Lake is a good fishing lake, but there was very little fishing carried on there this winter. The people in the vicinity live mostly by hunting in the winter; but some winters when fur-bearing animals are not very plentiful, I find that a number of Indians live by fishing in the lake. Bear Lake is thirty miles long by twelve miles broad, with an average depth of from eight to ten fathoms.

Pelican Lake has never been fished in for commercial purposes, as the people living in that part of the country have not asked for any licenses. When I was out there I found that traders at Pelican Narrows every fall hired the Indians to catch whitefish during the winter. The fish are all hung and sold.

SESSIONAL PAPER No. 22

Pine Island Lake is of fairly good size but shallow, averaging 5 feet in depth. It is good only for fishing in summer, especially for sturgeon.

There are some other big lakes north of Sturgeon Lake, which abound with fish. The chief ones being Goose Lake, Rocky Lake, Cold Lake, Cranberry Lake and Ayapapisoon Lake.'

I am, Sir,

Your obedient servant,

J. A. HOWELL,

Inspector of Fisheries.

RETURN showing the Number of Fishermen, &c., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material, used in the Fishing Industry in the Province of Manitoba, during the Year 1912-13.

Fishing Districts.	Tugs and Vessels.			Boats.			Gill-Nets.		Lines.		Freezers and Ice-houses.		Smoke and Fish-houses.		Piers and Wharves.		Persons employed in Freezers, Fish-houses, &c.		Numbers.
	Number.	Tons.	Value.	Men.	Skiffs and Sail Boats.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Numbers.	
1 Lake Winnipeg	8	577	75000	80	263	21950	11000	29440	367	82	164	50	42500	50	25000	12	9100	200	1
2 Red River					34	340		1560	52									2	2
3 Lake Winnipegosis								20330	255					6	6000			20	3
4 " Waterhen								90	9					1	100			10	4
5 " Dauphin								36	16									1	5
6 " "								1840	184					5	750			10	6
7 " St. Martin								6160	77									1	7
8 Dog Lake								10	10					1	100			1	8
9 Moose Lake								2800	28									1	9
10 Clearwater Lake								1500	10									1	10
11 Cormorant Lake								150	1									1	11
12 Cedar Lake								150	24									1	12
13 Sturgeon Lake								240	24									1	13
14 Rocky Lake, Northern Man.								600	6									1	14
15 Big Sask. River, Northern Man.								150	1									1	15
Totals	8	577	75000	80	297	22290	11000	85690	1340	82	164	51	47500	65	32350	12	9100	236	

SESSIONAL PAPER No. 22

RETURN showing the Quantities and Values of all Fish caught, and marketed or consumed locally, for the County of Selkirk, Province of Manitoba, during the Year 1912-13.

Fishing Districts.	Trout, * cwt.s.	Trout, value.	Whitefish, cwt.s.	Whitefish, value.	Bas.s, cwt.s.	Bas.s, value.	Pickereel, cwt.s.	Pickereel, value.	Pike, cwt.s.	Pike, value.	Perch, cwt.s.	Perch, value.	Tullibee, cwt.s.	Tullibee, value.	+Mixed Fish, cwt.s.	Mixed Fish, value.	Numbers.
1 Lake Winnipeg (summer)			21145	148015	16	80	8663	43315	2074	6292	40	200	1372	2744	12160	27720	1
" " (winter)			10880	75810			6980	33400	2314	6942	309	1545	7088	14076	900	2700	2
2 Red River (summer)							12	60	15	45					8500	24800	3
3 Lake Winnipegosis (winter)			11014	77098			8650	43250	13014	39042					9772	25744	4
4 " Warthen			246	1722			313	1565	90	270					950	2400	5
5 " Dauphin			12	84			331	1655	335	1005			60	120	550	1575	6
6 " Manitoba			1780	12460			7850	39250	11520	34560	36	180			9750	28000	7
7 " St. Martin			958	6706			205	1025	135	405					2500	7500	8
8 Dog Lake			20	140			141	720	120	360					750	2250	9
9 Moose Lake	49	343	473	3311											3750	10750	10
10 Clearwater Lake	96	672	1200	8400											755	2260	11
11 Cormorant "	10	70	50	350											700	2025	12
12 Cedar "	3	21					40	200							2200	6600	13
13 Surgeon "	108	756	540	3789			18	90	20	60					850	2200	14
14 Rocky "			171	1197			34	170	38	114					600	1725	15
15 Big Sisk. River							104	520	95	285					12564	34190	16
16 Rock Lake															150	450	17
17 Turtle Mountain District															400	1200	18
18 Riding "															300	900	19
19 Lakes Cross, Falcon, Hawke, Forbes and No. 10.															250	750	20
Totals	246	1862	43430	339073	16	80	33044	165220	29770	89310	385	1925	8470	16940	63351	185739	

Quantity consumed in Canada, 83,990. Quantity exported to United States, 114,751.

*Cwt.s. = 100 lbs. †Mixed Fish includes catfish, greyling, bull-heads, goldeyes, and ouananiche.

RECAPITULATION

Of the Yield and Value of the Fisheries in the Province of **Manitoba**, during the year 1912-13.

Kinds of Fish.		Quantity.	Value.
			\$
Trout.....	*cwts.	266	1,362
Whitefish.....	"	48,439	339,073
Bass.....	"	16	80
Pickereel.....	"	33,044	165,220
Pike.....	"	29,770	89,310
Perch.....	"	385	1,925
Tullibee.....	"	8,470	16,940
Mixed Fish.....	"	68,351	185,739
Totals.....			800,149

*Cwts. = 100 lbs.

RECAPITULATION

Of the Number and Value of Vessels, Boats, Nets, Traps, etc., used in the Fisheries in the Province of **Manitoba**, during the year 1912-13.

	Number.	Value.
		\$
Vessels, (tonnage 577).....	8	75,000
Boats (gasoline).....	1	1,000
Boats, sail-boats and skiffs.....	297	22,290
Gill-nets.....	8,673	85,690
Lines.....	82	164
Freezers and Ice-houses.....	51	47,500
Smoke and Fish-houses.....	65	32,950
Piers and Wharves (private).....	12	9,100
Totals.....		273,694

Number of men employed in Vessels and Tugs.....	80
" " Boats and Fishing from shore.....	1,340
Number of persons employed in Fish-houses, Freezers, etc.....	236
	1,656

APPENDIX No. 9.

SASKATCHEWAN AND ALBERTA

REPORT ON THE FISHERIES OF THE PROVINCES, BY CHIEF
INSPECTOR E. W. MILLER, FORT QU'APPELLE.To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit the following reports on the fisheries of the Provinces of Saskatchewan and Alberta for the fiscal year 1912-1913, together with statistical returns showing yield and value of fish, and amount, etc., and value of material used.

At the beginning of the year a reorganization of the fishery service in these provinces took place in consonance with the recommendations made by the special Fishery Commission which sat in 1910-11, under which I became responsible for the oversight of both, having the assistance of an inspector for northern Saskatchewan stationed at Prince Albert, and of an inspector for northern Alberta stationed at Edmonton. At the same time a new set of Fishery Regulations was brought into force which differed materially from those previously in force.

This reorganization had been made with the view of giving the waters in the settled portions of the provinces that increased measure of protection which the development of the country had made imperative, and also to make provision for the **gradual extension** of the districts in which the regulations are actively enforced. Many lakes in former years, fished only by a small resident population for immediately local use, are now called upon to supply fish for the provincial and other markets and the older regulations had been found ill-adapted to the changed conditions.

The new regulations shortened considerably the fishing seasons on the lakes which heretofore have been supplying the larger part of the whitefish taken for market purposes, investigation having shown that there was a danger of their exhaustion if additional protection was not given in the spawning season. This restriction together with the larger fee now charged for a license to fish for market purposes, has very much diminished the catch at these lakes during the past year. In many cases men who had for many seasons become accustomed to easily making large catches in the shallow waters during the earlier part of the winter, but who were not sufficiently practical fishermen to fish advantageously under the more difficult conditions of the later season, refrained from taking out licenses. This has notably affected the catch in the Battleford lakes and Cold and Primrose lakes.

A clear distinction is made by the new regulations between those who fish for sale and those who fish merely for their own household use; the former class pay \$5.00 for a fisherman's license and the latter \$2.00 for a domestic license. In several of the smaller southern lakes it has been found expedient to restrict the fishing with nets to that done under domestic licenses, for it will be readily understood that two or three men fishing for the market will be a bigger tax on the lake than ten times as many who fish merely for their own use. In such small lakes where only a small catch

can be made even in the aggregate it is the aim to give as many of the settlers as possible some benefit from the fishing rather than to allow a few market fishermen to profit more largely.

Transport charges on fish that have to be freighted a long distance to a railway shipping point make a big difference in the value of fish caught in the more distant lakes; this combined with the difficulty and expense of reaching more remote fishing grounds naturally made most of even the real fishermen prefer to remain on the lakes easier of access though the catches ran much smaller. The effect of the new regulations in lengthening the close season on the southern lakes will thus prove an incentive to those who really wish to make fishing their winter's work, to move on to the larger northern lakes where the season opens at an earlier date, and the longer season compensates for the smaller price obtainable for the catch at the lakes. It must be remembered however that most of the men who fish in these provinces are only incidentally fishermen, and often not in a position to move far away from their farms though anxious to profit by the fishing in the winter season; this expectation of winter work has often been an inducement to them to locate in the neighborhood of a lake.

These facts bring up a question with which there is great difficulty in dealing satisfactorily. There are a few good fishing lakes which are now well situated in regard to railway facilities for placing fresh caught fish on the markets of our cities and towns in the summer season, but only a few. Jackfish, Muray, Stony, and Long lakes in Saskatchewan and Wabamun lake in Alberta might be specially mentioned in this connection. These lakes have been in the past and would continue to be extensively fished in the winter season by settler residents who, generally speaking, have neither the time nor wish nor necessary expertness to fish in the open water season. Moreover it is necessary for the success of a summer fishery that it be carried on with much more regularity than is found absolutely necessary in the winter fishery when the catch is naturally preserved and might be marketed at any time. In the summer, supplies of ice must be available, cleaning and packing must be expertly done, rapid transport to the railway point must be provided, and above all to secure a steady and profitable market the retailer must be assured of a regular supply at fixed intervals. These considerations therefore necessitate that the summer fishery business must fall into the hands of men prepared to make it their sole occupation and conduct it on business principles. The settler fisherman resident near the lakes however resents the idea that a few professional fishermen should carry on such a business in the summer season when he himself does not wish nor have time to fish, feeling (quite rightly) that it will deprive him of his winter's fishing eventually; for it must be admitted that these lakes are not capable of long sustaining both an extensive summer and winter fishery. There is little prospect of other lakes being brought within sufficiently close connection with a railway to give a summer supply and even when they are, similar conditions will prevail.

The decision of this question as to whether summer fishing is to be encouraged on the lakes mentioned, involves therefore either the sacrifice of what the residents near the lakes consider their special privilege or the absence from the provincial markets of all but a most paltry supply of home caught fresh fish at that time of the year. There is certainly a keen demand for such fish then and they would readily retail at from 12 to 15 cents per lb.; nor would the closing of these lakes for winter market fishing lead to any shortage in the provincial markets in that season when matters were settled down, for more than they would supply was sent out of the province this year. In the interests of the provinces as a whole I am of opinion that preference should be given to the summer fishing even though the interests of some of the residents in the vicinity of the lakes in question will be adversely affected. It must be remembered that the fact that they are now placed within easy touch of railways implies that the residents are no longer so dependent on the fisheries as may have been the case in the earlier days of settlement.

SESSIONAL PAPER No. 22

Last summer the only fresh caught fish that were marketed at any distance from place of capture were those caught at Wabamun Lake, Alta., which were sent to Edmonton, Calgary, Saskatoon, Regina, Moosejaw and many minor points; with much smaller quantities caught at Stony Lake and Long Lake, Saskatchewan, sent to Prince Albert and Regina principally. This supply was by no means adequate to the demand, three or four times as many could readily have been disposed of. The success of this fishery at Wabamun Lake led to much local agitation, based on the grounds I have above detailed. No summer caught fish were sent out of the provinces.

The provincial markets were not so well supplied with fish this past winter as in the previous year though it will be noted that shipments of nearly 300,000 pounds were made to Manitoba points and 48,000 pounds directly to the United States; to the latter country too, no doubt, much of that shipped to Manitoba in the first place was reshipped. It may be considered odd that fish should be shipped away when the home demand was inadequately met, but I would point out that in the winter of 1911-12, some of the provincial cities were glutted with fish that had to be sold at unremunerative prices and thus the larger dealers can scarcely be blamed for making contracts for part of their output in a more certain market. The home deficiency really arose from the very small catch at Jackfish and Turtle Lakes; the reason for which has already been given. The shortage was more felt in Alberta than in Saskatchewan for the catch in the first named province is not nearly sufficient to meet the demand and has to be supplemented by supplies from Northern Saskatchewan.

Until local enterprise takes up more efficiently the matter of distribution there is little prospect that our smaller towns and villages will be properly supplied with fish, inasmuch as the buyers handling the winter caught fish on a large scale prefer contracting for the sale in car lots rather than to find customers at local points who can deal only in small lots. Moreover the freight on small quantities so raises the price that there is but little demand and few local merchants seem to care to handle fish.

In the Lac Ste. Anne and Lac La Biche districts of Alberta various relaxations of the regulations have been made from time to time in favour of the old established settlements of halfbreeds there resident, and the full enforcement of the close season was much petitioned against this past winter. As it was felt that the new regulations had scarcely become thoroughly known in these localities and there appeared reason to think that some hardship would be caused if so radical a change as full enforcement of a longer close season was carried out at once, a certain amount of fishing for daily use was allowed. But these districts are now being opened up, the demand on the lakes is not confined to the same limited area as before nor are the residents compelled to rely on fishing for their actual livelihood. Under these changed circumstances to afford the greatest good to the greatest number and to maintain the lakes well stocked with fish, it is unquestionable that the fishing should be restricted solely to the proper seasons so that more could enjoy the privilege of fishing then.

The claim is made as pointed out by the inspector of the district, that fish cannot be taken later in the winter than the spawning season, but experience elsewhere where similar statements have been made shows that the difficulty disappears when proper energy and methods are employed.

In the Lesser Slave Lake conditions are somewhat the same: Indians and half-breeds have long been accustomed to take spawning fish in the fall to stock for winter use, and say that they will starve if prevented from so doing. If no other fishing was done the lake might possibly have withstood this damaging course indefinitely it being so large comparatively to the number of residents. But if a supply of fish for the benefit of other parts of the province is to be obtained from here, of necessity the lake must receive full protection in spawning time, and the Indian Department must otherwise provide for their charges than by permitting them to think that fishery regulations do not apply to them.

The evidence from fishery officers in many parts leaves no doubt but that the Indians are not instructed by their agents that they are subject to the restrictions imposed by the regulations, but that they are often on the contrary given to understand that they need not pay attention to them and this conflict of authority makes it difficult for all concerned.

Lesser Slave and Island or Calling lakes in Alberta and Lac la Loche, Ile la Crosse lake and Lac la Ronge in Saskatchewan represent at present the most remote districts in which any regulation of the fisheries is attempted. Beyond those points the fishing is done entirely for local consumption and vast water areas and very limited population render any restrictions unnecessary. An extension of railway facilities to Fort McMurray on the Athabasca river is however expected in the near future and when that occurs, no doubt attempts will be made to open a fishery for the outside market at Athabasca lake, which should afford a splendid source of supply.

I am indebted to Mr. J. C. Melville, F.R.G.S., for a most interesting report on the fish of the Great Bear lake in the far north of which I give here a brief epitome. Mr. Melville spent two seasons in that district and speaks from close personal observation.

Great Bear lake has an area of 12,000 square miles and is, as far as ascertained, of very great depth. Its waters which rarely rise above 40 degrees F. in temperature are of extraordinary clearness with no weed except in some of the bays. The bottom is of rock and sand. The lake begins to freeze over in October and is completely frozen before Christmas, the ice attaining a thickness of between six and seven feet. It is rarely free of ice before the middle of July. About 150 Slave and Dogrib Indians compose the permanent residents of the district and twenty or thirty Eskimo families visit the eastern shores in fall for the hunting though they do not fish. The Great Bear lake fish are freshwater herring, trout, grayling or bluefish, whitefish, jackfish, tullibee, suckers and ling and they are in that order of importance. The herring is similar to that caught on lake Erie, sometimes called the salmon herring or lesser whitefish. It is caught throughout the year in gill nets of 2½ or 3-in mesh and forms the chief food of the Indians. As many as 500 have been taken at once in a sixty yard net but about twenty is the average catch. The weight is about 1½ lb., sometimes reaching 21 lbs. At least 150,000 of these are caught in the year.

Lake Trout (*Salvelinus Namaycush*), attain the greatest size and finest condition in this lake, averaging twenty pounds: one weighed 49½ pounds and larger have been seen. There are two species; one a dark green scaled fish with orange coloured fins, and pink flesh, the other silver scaled with yellow flesh. The former is much preferred for eating. They appear to spawn in August when a big catch is made for drying purposes. They are caught in gill nets, also with hook and line as they take a bait very readily.

The bluefish, back's grayling or arctic trout, weighs about a pound and is found in abundance both here and in all other waters of the Barren Lands. It is most easily caught with either bait, spoon, fly, or in nets and though not in great demand for food at ordinary times forms an unfailing resource when other supplies fail.

Whitefish do not appear to be plentiful in the waters that are fished and little reliance is placed on a catch of them at any time. They average from 3 to 4 pounds weight and have been caught up to ten pounds.

The other fish named are not esteemed for food and no effort is made to catch them but they occur among the other fish captured. Each family puts up a few bales of dried fish from time to time but the supply of nets is so scanty that there is at most times very little excess caught over the daily demands for food. Some are disposed of to the furtraders and missionaries but even they can not always obtain a sufficient supply from the Indians. Nets were formerly made from willow bark but this is fast becoming a lost art only one or two of the old squaws now being able to make them.

SESSIONAL PAPER No. 22

Mr. Melville is of opinion that with a good and effective steamboat service on the McKenzie river and introduction of modern means and methods of catching and curing fish, the Great Bear and Great Slave lakes will eventually prove of very great economic value to the western provinces.

SOUTH SASKATCHEWAN

In Southern Saskatchewan, for the reasons already set forth, there can be no great increase in the amount of net fishing. A surprisingly large number of people however now take up their residence for a portion of the summer on the shore of the various small lakes and the quantity of jackfish and pickerel caught by those visitors is forming a very large proportion of the total catch in these waters. Fortunately these fish are most prolific and there is little danger of the supply becoming deficient. To the neophyte this fishing gives great pleasure but there is a very general demand that these lakes of popular resort shall be stocked with fish that will afford more real sport, and public opinion will not be satisfied until the feasibility of stocking them with some species of bass has been given a prolonged trial under the most favourable conditions possible.

On Devil's, Fishing, Round, Crooked, Pelletier and other lakes similarly situated, net fishing is now restricted to that done under domestic licenses and it must now be taken into serious consideration whether all fishing with nets should not be barred during the open water season. Only a very small number of persons would be adversely affected by this and when interests conflict as they certainly do in regard to the fishing on many of our lakes, it seems right that the benefit of the many should prevail over that of a few. Some of these lakes carry whitefish and tullibee as well as jackfish, pickerel and perch: the first named two can of course be caught only in nets and in these lakes it would be right to continue the issue of net licenses for the winter season.

On Long Lake almost the same number of licenses was issued as last year but on the whole there was not so much winter fishing done and as the season closed earlier the total catch was not so large. Overseer Hunter reports that the average catch per net showed no diminution and that the fishermen were satisfied with the results of the season. Prices were high as the uncleaned fish fetched from five to eight cents a pound on the ice. Part of the catch goes to the cities of Regina, Moosejaw and Saskatoon but the larger quantity is retailed in the smaller towns in the neighbourhood of the lake. There is not much net fishing done in the open water season though there would soon be if it were deemed advisable to grant summer licenses to a few expert fishermen from the outside. Some ice has been put up by local men for the coming summer but only on a small scale. This is one of the lakes where the question of giving summer fishing the preference even if against the wishes of local residents requires consideration for the markets of Regina and Moosejaw are within easy reach.

SOUTH ALBERTA

Several important changes had been made in the new regulations as affecting the trout fishing in the Southern Albertan streams: the extension of the close season to June 30th; the imposition of a fee of \$1.00 for an angler's permit to use rod and line; and the limitation of a day's catch. These changes met with general acceptance and public opinion in favour of their strict enforcement has been very keen. While the actual money value of the catch may not be very great, a day's sport of the kind afforded by these game fish appeals most strongly to a very large number of the public. It was realized that it lies in the power of a few unsportsmanlike and unscrupulous persons to effectually wreck the smaller trout streams by taking fish out of season and using illegal methods of fishing. Many complaints had been made of the danger of the waters being depleted by such practices in the absence of efficient guardians had been made and that the complaints were not groundless is shown by the number of successful prosecutions that took place in this district during the year. Despite the fact that the arrangements for the distribution of anglers' permits were not completed until the season was well advanced, twelve hundred and nineteen were issued of which ten were to non-residents. During the current year now that the regulations are better known and it is realized that they cannot be considered a dead letter, a much larger number will no doubt be in demand, the revenue so obtained going far to provide the necessary protective measures. A matter, however, that has called forth much adverse comment is the fact that much less stringent regulations were in force within the limits of the Dominion Parks and Forest Reserves which are under the control of the Department of the Interior. It was said, and not unreasonably, that if a resident of the province had to pay a fee for a permit to fish in its waters, it was scarcely fair that a casual visitor, perhaps not even a British subject, should be able to fish within the Park jurisdiction without paying any fee. Even more irritating to many was the fact that the season opened in the Parks six weeks before it did in the province generally. The feeling is not that the fishery regulations are too stringent but rather that the Park regulations for fishing ought not to be less so, particularly as the upper waters should have even a greater measure of protection than the lower. I have brought this matter before the proper authorities and I understand that it is the intention to remove the anomaly by bringing the park and forest reserve regulations bearing on fishing into consonance with our own. Such action is certainly very necessary.

It is very difficult to form even an approximate estimate of the catch of fish in these waters but Overseer Head from careful observations made during his trips throughout the district estimates it at not less than 80,000 trout and 8,000 grayling. He considers that after the regulations became generally known they were fairly well observed. The state of the streams during the close season was such as to afford a large measure of natural protection and consequently when the season opened the fishing was better generally than it had been for several years. The overseer reports that many anglers complained of the size of the tag issued to be attached to the rod, and suggests that if the permit itself signed by the holder were to be produced on demand, the tag itself could be dispensed with. The mills in the district were visited and sawdust, &c., found to be satisfactorily disposed of. The overseer comments on the fact that in several cases where persons were found guilty of fishing without permits they were discharged with a caution by the justice dealing with the case. He received a few complaints of anglers exceeding the daily catch but found that these arose generally where campers in parties of three or four staving a few days on one stream had accumulated a number of fish though not over their collective legal quantity.

SESSIONAL PAPER No. 22

Such comparatively distant localities are now brought within easy access from the towns, and visiting parties of anglers are able to so speedily go and return that it will be necessary to provide a number of resident guardians in order to prevent evasions of the regulations on the streams that are most frequented. It is evident too that these waters will require some artificial assistance by the provision of hatcheries if they are to support continuously the constantly increasing legitimate demand on their resources, for very few of the streams now retain the splendid supply remembered by anglers of early days though they may still provide good fishing as generally accepted.

In regard to the statistical return of boats, &c., I find that officers have varying ideas on what should be enumerated under this head. By far the greater part of the catch of fish in these provinces is made in the winter season through the ice. There are lakes giving a good output of fish with possibly scarcely a boat on them. On other lakes frequented by summer visitors there are large numbers of boats and gasoline launches totalling to a very large value and of course many of them are used for angling purposes from time to time but it would not be reasonable to return them as being used for fishing in its usual sense. In the northern districts every Indian and Halfbreed family possess its canoe or canoes which practically afford the only means of travel in the summer when their owners are pretty constantly on the move. These too are used for fishing but are not always enumerated as fishing boats.

It may be stated incidentally in this connection that the old birch boat canoe is fast disappearing and that it is now the ambition of all the natives to possess an imported canoe, very large numbers of which are yearly brought into the country and distributed by the fur companies at prices ranging from \$40 to \$100.

The number of boats therefore which can be said to be in use mainly for fishing purposes is but small and few of them of much value.

The classification of net licenses as provided for in the new regulations has answered well and though there has been a temporary falling off in the total number issued in the past year, the amount of revenue received for licenses and permits shows a large increase. It is to be feared that at least a portion of the catch made under domestic licenses does change hands for a consideration but there is no open marketing of such catch: the demand for fresh fish is very keen in the summer and people in the district near the lakes who do not visit the lakes themselves naturally feel that they should be able to get a fish or two from their neighbors who do.

LICENSES ISSUED 1912-13.

	Saskatchewan.	Alberta.
Domestic.	215	177
Fisherman's.	298	86
Commercial.	Nil.	3
Anglers' permits.	Nil.	1,209

It will be understood that anglers' permits are not required for pike, pickerel, perch, and goldeye fishing with rod and line and that consequently none are called for in Saskatchewan where they are the only kinds angled for.

The augmentation of the staff has enabled a better enforcement of the regulations and there were fifty-nine prosecutions during the year, convictions being obtained in all but three. Fines were imposed and collected to the amount of \$373 and a further \$230 was realized from the sale of confiscated fish.

The offences charged were as follows:—

Fishing in close season.	28
Fishing without license.	19
Use of illegal nets.	2
Spearing fish.	3
Taking undersized fish.	3
Exceeding maximum catch.	2
Constructing fish traps.	2

59

Thirty-two of these cases arose in Alberta and twenty-seven in Saskatchewan. The convictions obtained will doubtless have an excellent effect in securing a closer adherence to the law in future seasons but it is observed that in one or two districts offenders have been fined for the second time and it is evident that in some cases the local Justices take too lenient a view of fishery offences and do not impose sufficiently large fines to act as a deterrent.

Most valuable assistance was rendered by the officers and men of the R.N.W.M. Police especially by Superintendent Primrose and Inspector Belcher in the Pincher Creek and Crow's Nest district where the presence of a large mining population, many of foreign extraction and very keen on fish, demanded a great deal of attention.

As the question of hatcheries for these provinces has been for some time under consideration and arrangements for their construction at suitable points are now practically settled it is unnecessary to dwell upon it at the present time. It might be stated however that the demand for fry to be placed in small lakes scattered throughout the settled parts has become very large and though in many cases it is to be feared that the waters are not suitable for the varieties desired by the petitioners, there are many places which well warrant a trial at stocking. There are other lakes in which the demand for fishing privileges is so great that it is necessary either to provide for their artificial replenishment or to reduce the amount of fishing allowed. Much satisfaction will unquestionably be felt when the proposed hatcheries are carried through to completion.

Detailed reports from the northern Saskatchewan by Inspector G. C. MacDonald and of northern Alberta by Inspector J. D. Willson are herewith appended.

I am, Sir,

Your obedient servant,

E. W. MILLER,

Chief Inspector of Fisheries.

REPORT ON THE FISHERIES OF NORTHERN SASKATCHEWAN, BY INSPECTOR G. C. MACDONALD, PRINCE ALBERT, SASK.

To E. W. Miller,

Chief Inspector of Fisheries,

Fort Qu'Appelle, Sask.

SIR,—I have the honour to submit my first report on the fisheries for the northern portion of the Province of Saskatchewan for the year ended March 31st, 1913, together with statistical returns showing the yield and value of fish, the amount and value of equipment, etc.

I may say the weather conditions were not as favourable as in some former seasons. On some of the northern lakes ice formed to the depth of from four to five feet with about three feet of snow causing great inconvenience to the fishermen and much extra labour in opening fishing holes, and in fishing generally.

SESSIONAL PAPER No. 22

The largest operations took place on the Isle La Cross lake when forty-four men licensed to kill fish caught a total of 732,000 pounds, 75 per cent of which were whitefish, averaging five pounds in weight. Some 80 per cent were cleaned and boxed, and brought 2 cents per pound on the ice. They were then hauled to Big river and shipped in car lots. The majority of the fishermen are residents of the district tributary to this lake. The whitefish killed on this lake were commanding $\frac{1}{2}$ cent per pound in advance of fish from any other lake in the district.

The lake next in importance is Dore lake with 22 licensed fishermen. About 70 per cent of the catch was whitefish. Overseer Beatty informed me that the best fishermen in his district, who are Icelanders, with considerable experience in fishing, operated on this lake. The quality of fish was much better than last season, owing probably to the great extent to which fishing operations had been carried on in former seasons.

La Plonge lake had a total of only 8 licensed men. This lake is the only lake in the district in which trout were killed for market purposes. There was only a small percentage of the catch hauled to the outside market, owing to the non-completion of a winter road connecting this lake with Dore lake, which is situated on the main road to the railway at Big river.

On Stoney lake and other minor lakes in this vicinity, including Dog lake, Sled lake and Ladder lake, there were 17 licensed fishermen who did not devote very much time to fishing operations. They caught some 53,000 pounds of fish, the bulk of which was consumed by Big River Lumber Company and citizens living in the vicinity of Big river. Only two men caught fish on Stoney lake during the winter season; this is reserved for summer fishing only and numerous fishermen were disappointed when informed that no winter fishing would take place.

During the summer season, a few men fished on Stoney lake, but owing to the shortage of ice, it was impossible to ship fish further than Prince Albert. On Candle lake and Trout lake some 20 men procured licenses to fish, but only about one half put their nets in the water.

The bulk of the catch at Trout lake was hauled to the lumber camps a distance of from 30 to 60 miles and brought an average of 5 cents per pound there. The men who fished on this lake informed me they only had their nets in the water half the time as they could not compete with the Fish Company selling fish on the Prince Albert market, and no other fish dealer offered to purchase their catch.

On Candle lake the catch was very small. I was on this lake at the beginning of the winter season and I witnessed nets being pulled out with only 10 to 12 fish of an average weight of 2 pounds. The total catch from this lake was marketed at Prince Albert, where 5 cents per pound was paid for whitefish.

In the Green lake no commercial fishing was carried on during the winter season. This was unsatisfactory to the settlers living around the lake; but on bringing the matter to your attention, it was decided to open the lake for commercial fishing in the following season for settlers in the locality. On being informed of this through overseer Beatty the residents were greatly pleased.

Lakes situated north of Battleford, such as Jackfish, Murray and Turtle, with numerous small lakes, were not fished to any great extent principally on account of the lateness of the closed season. The bulk of the fish caught were consumed locally and sold at $3\frac{1}{2}$ cents per pound on the ice. Only a small percentage were cleaned, and boxed. Dealers purchased the catch at the fish holes on the ice.

4 GEORGE V., A. 1914

Lakes situated further north of Jackfish, namely Turtle, Loon, Bright Sand and Island were licensed to the extent of 39 men. The catch was principally consumed in the district, about 20,000 pounds were shipped to points in the southern part of the provinces. The decrease in the catch in this district was due principally to the lateness of the closed season and the inexperience of fishermen. The catch on the Saskatchewan river was estimated at 37,100 pounds which I consider not very accurate on account of the change of officers. I have made searching inquiries in regard to the killing of sturgeon on this river, and not one instance has been brought to my notice of any having been caught.

At Wakaw and fishing lakes the use of nets is restricted and only angling is allowed. I would strongly recommend that a dam be constructed on the Carrot river at the Wakaw lake to increase the supply of water in the lake during the summer season. Residents of the Wakaw lake district complain of the scarcity of fish during the last few years. This is said to be due to a dam constructed on the Carrot river near Kinistino, a point on the Canadian Northern Railroad, for the purpose of raising the water for the companies' water tank. I have recommended the erection of a fish-way here.

The total catch in this district, with the exception of 48,000 pounds, which were shipped direct to the United States from the dealers at Big river, was consumed in Canada.

I may state that the greatest difficulty in the way of summer fishing on lakes north of Prince Albert is the impassable condition of the roads leading to the lakes. Stoney lake being the most convenient to the railroad is a desirable water for summer fishing, but owing to the trail leading to this lake, a distance of some 6 miles, being in such a bad condition, the cost of hauling the fish to Big river is great, consequently the price to the consumer is increased considerably.

Jackfish and Murray lakes are situated more conveniently to the railroad than any other waters in the northern portion of the province for summer operations.

The Fish Company with its head office at Big river, that has purchased practically the total catch from waters north of that point, would have no difficulty in disposing of double or treble the quantity handled during the past winter.

In conclusion I would point out the necessity for inducing fishermen of some experience from the southern portion of our province to devote the winter season operating nets on some of the large lakes in the north of the province. If this were done, I am satisfied that fishermen would find it profitable, and settlers living on the Prairie portion of the province, would be benefitted, as at the present time fish are looked upon as a luxury, on account of the high price the retailers demand during the short season of the year in which fish can be purchased, in the frozen state, in the more remote parts of the province.

I am, Sir,

Your obedient servant,

G. C. MACDONALD,

Inspector of Fisheries.

SESSIONAL PAPER No. 22

REPORT ON THE FISHERIES OF NORTHERN ALBERTA BY INSPECTOR
J. D. WILLSON, EDMONTON, ALBERTA.

To E. W. MILLER, Esq.,
Chief Inspector of Fisheries,
Fort Qu'Appelle, Sask.

SIR,—I have the honour to submit my report on the fisheries of northern Alberta for the year 1912-13 together with statistical returns.

As I only began my duties in September, 1912, and the majority of the overseers and guardians were men recently appointed, who had not received instructions until August, and in some instances until November, and were thus unable to get into touch with fishermen, the statistics sent are not as accurate as they would otherwise be.

Since my appointment I have visited the following districts, Lac Ste. Anne, Wabamun lake, Pigeon lake, Beaver Hills lake, Buffalo lake, Saddle lake, Moose lake, Cold lake and Primrose lake, Lac La Biche, the Athabaska district, and the Lesser Slave lake.

The waters of the Lac Ste. Anne district contain whitefish, jackfish, and pickerel, there being few of the latter species, the fishermen of this district, are Halfbreeds, Indians, and settlers living close to the shores of the lakes, and have little skill or enterprise. The sale of fish caught is limited to the village of Lac Ste. Anne and a few small traders of the district, the remainder of fish caught being consumed by fishermen's families.

In view of the size of these lakes and the increasing population of the surrounding district, the larger towns of Alberta cannot receive any supply of fish from the Lac Ste. Anne district.

The Wabamun Lake district, in which the only lakes fished are Wabamun lake, Island lake, and Chip lake, has for several years shipped fish to Edmonton, Calgary, Saskatoon, Lethbridge, and smaller towns of Saskatchewan and Alberta.

Last year, in addition to fishermen's licenses, three commercial licenses were held for Wabamun lake, and as the village of Wabamun, the headquarters of these fishermen, is situated on the Grand Trunk Pacific Railway, which provides a daily service, there was almost daily shipment of whitefish to Edmonton, of larger quantities than I think lake Wabamun would continue to bear.

As during the ensuing year, it has been decided that these commercial licenses will not be renewed, and the number of fishermen's licenses are to be limited to the older resident fishermen, if the longer close season be strictly enforced, I am confident that in a few years lake Wabamun will be as well stocked with whitefish, as it is said to have been some five years ago.

Jackfish and pickerel were shipped from Island lake last winter to Edmonton, Calgary, and Saskatoon. It would appear, that by comparison with the report of fisheries of Alberta for the year 1911-12, the value of fishing gear and boats, the number of men employed, and the amount realized by the sale of fish in the Cold lake and Primrose lake districts for the year 1912-13 has diminished.

I am of the opinion, that this decrease is because of the longer close season now prevailing and the reduction in the number of licenses for Cold lake. The fact that three of the fishermen began operations late in the season, and probably some diminution in the amount of fish in these waters, or other unknown natural cause.

It is to be noted however, that a larger amount of trout were caught during the past year, than was reported during the preceding one. This increase is owing, I think to the fact that the Cold lake fishermen have acquired more skill, and have more knowledge, than formerly, of that part of the lake, in which trout are most abundant, trout are not believed to be in Primrose lake.

The fish caught in the Cold lake district are generally shipped to Kitscotti, and Vermillion on the Canadian Northern Railway, and thence to large dealers of Edmonton such as the Swift Canadian Company and the P. Burns Company.

The fishing of the Moose lake district for the past year was confined to half-breeds, Indians, and settlers; the catch being consumed by fishermen's families and neighbouring settlers.

The lakes of the Moose lake group appear to have been fished just about to the limit for many years, and fishing there, for several years to come should be confined to residents, and the number of licenses limited to about the number for the past year.

The lakes of this group will never provide more fish than are required for the district immediately surrounding it. To the north, and northwest of Moose lake, is a group of lakes among which are Musquito, Jackfish, and Bear lakes, which are said to be well stocked with whitefish, tullibee, and jackfish. Of these waters I have no statistics, but I think it likely that more fishing might be done among these lakes than heretofore. They should in future be under closer supervision than during the past year, either by the fishery overseer of Cold lake, or the fishery guardian of Moose lake.

To the East of the North East angle of Cold lake, at a distance of about six miles is situated Trout lake through which the waters of Cold lake empty into the Beaver river. It has always been fished by Indians, but never by whitemen, and is said to be well stocked with trout. Fish caught in winter in Trout lake might be hauled to market over the same road as those from Cold lake and Primrose lake.

Of the Saddle lake district, I have to report, that I am of opinion, that the more northern lakes of the district, such as Trout lake, and Touchwood lake, will bear much more fishing, than was done during the past year. Floating Stone lake appears to have been overfished; for it I would not recommend the issuing of other than domestic licenses. Saddle lake, Whitefish lake, and Goodfish lake, are chiefly fished by Indians, whose reserves are along the shores of these lakes, who fish without license for domestic use.

Lac La Biche and Beaver lake were fished by Halfbreeds and Indians only during the past year. Owing to the fact that guardian Edmond Smith only received his instructions in November, 1912, and that his place of residence is at Warwick, some sixty miles distant from the nearest waters of his district, this district was not under the supervision necessary to the protection of fish, and no fees were collected for licenses.

When visiting Lac La Biche in March I found that many of the people had wrongly interpreted the fishery regulations, assuming that clause 2 permitting Indians and Halfbreeds to fish without licenses, for daily consumption only, allowed them to fish through the season for unlimited use and storage. I met some fifty heads of families and explained the regulations, and have since received several applications for licenses. The fish caught at Lac La Biche and Beaver lake during 1912-13 were consumed in the immediate neighborhood. North East of Lac La Biche at a distance of about thirty miles is Hart's lake where whitefish are said to be abundant, during recent years it does not appear to have been fished except by Indians. The Lac La Biche group is likely to be the source of a considerable supply for the markets, in the near future, as there is now railway service from Athabaska Landing, but sixty miles to the West by a fairly good road.

Of the lakes of the Athabaska Landing district, only one, Calling lake, is of any present importance. It is situated within sixty miles of Athabaska Landing, by a good

SESSIONAL PAPER No. 22

winter road. The winter fishing of this lake was very successful, the catch being sold on the ice at 4 cents per pound. Calling lake fish are shipped via Athabaska Landing to Edmonton.

Moose lake about twenty miles westerly from Calling lake, was not fished during the past winter, excepting by a white trapper and an Indian, for domestic use. It contains but few whitefish, which are of large size, but tullibee are abundant, weighing on an average two pounds. No fishing is done during summer in the Athabaska Landing district.

When visiting Lesser Slave lake in January, 1913, I found but two fishermen at work. One, Mr. Hermann Nicklas who lives at Dog's Island, about three miles above Sauridge at the foot of the Lake, is an enterprising and intelligent fisherman, he has a good equipment of boats and nets and a commodious building, not quite finished. Mr. Nicklas proposes to smoke fish.

The greater part of the fishing of this lake appears to have been done by Half-breeds and Indians who do not hold licenses, these people having long regarded it as a right to fish without license, and in the close season not much was done during the past year to correct this. Overseer Robert H. Potts having only received his instructions in October, seems to have been in doubt as to the interpretation of the regulations, as they apply to Indians and Halfbreeds. Large quantities of fish were caught by them in the close season.

As Mr. Potts is now better informed of the regulations and of his responsibilities, I hope during the ensuing year the supervision of Lesser Slave lake will be closer, and regulations properly enforced, though it will be difficult, to correct traditional habits of a people, only very recently brought under fishery laws.

As one commercial license has already been issued, and a second one applied for for Lesser Slave lake, fishing operations at that lake are likely to be more extensive than for several previous years. Within a year or two this district will have railway service, when an excellent market will be available.

The fishing of Buffalo lake is at present unimportant, only jackfish are caught, which are uncommonly large and good, and for which there is a good market in adjacent villages.

Of Gull and Sylvan lakes I have no statistics. I hope to visit this district during the summer.

In these southern districts, the importance of rod fishing as sport is increasing.

In only two of the lake districts of my inspectorate did I hear complaints of the longer close season, all experienced white fishermen with whom I conversed on the subject agreeing that the lengthening of the season was timely and in the true interests of businesslike fishermen.

The Halfbreeds of the Lac Ste. Anne and Lac La Biche districts state that it is impossible to catch whitefish in those lakes during winter, and that the strict enforcement of the present close season would prevent their accumulation of a store of fish for winter use. With regard to this statement as to Lac Ste. Anne, it may be because of lack of skill and energy, as white men have not fished it. In confirmation, however, of this statement as to the impossibility of catching whitefish at Lac La Biche during winter, I was informed by Halfbreeds and also by the Reverend Father Le Goff, who has resided in the district for several years, that about eight years ago skilled white fishermen attempted, at some expense, to fish in Lac La Biche, but were unsuccessful, and moved their plant to Touchwood and Trout lakes. Whatever are the reasons for the failure of winter fishing in these lakes, it would appear, that by rigid enforcement of the present close season, these people would be deprived of an important article of food, to which they have for generations been accustomed, and on which they are partly dependent.

4 GEORGE V., A. 1914

With further reference to this, it seems that the concession of two days weekly during the close season was satisfactory to fishermen, and the privilege was not abused, according to the local guardian at Lac Ste. Anne.

From information obtained on my visits of inspection, and from large fish dealers it is evident that the fisheries of Northern Alberta are becoming very important, all my information points to the fact, that the supply of fish from the lakes within reach of markets, is not adequate to the supply.

Owing to this inadequate supply of whitefish there is an increased demand for pickerel and jackfish.

I am, sir,

Your obedient servant,

J. D. WILLSON,
Inspector of Fisheries.

SESSIONAL PAPER No. 22

RETURN showing the Number of Fishermen, &c., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material, used in the Fishing Industry in the Province of Saskatchewan, during the year 1912-13.

Number.	Fishing Districts.	Boats.				Gill-Nets.		Hoop-Nets.		Lines.		Weirs.		Freezers and Ice-houses.		Number.
		Row.	Value.	Gasoline.	Value.	Licensed men.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	
1	Qu'Appelle Valley	30	600			31	80	480								1
2	Long Lake	12	300	1	700	113	370	2220							10	500
3	Lac Pelletier	8	160			19	25	150								3
4	Fishing and Devils Lakes					4	6	36								4
5	Wakaw Lake								60							5
6	N. and S. Saskatchewan River					84	40	210		14						6
7	Candle Lake					15	50	500								7
8	Troit and Red Deer Lakes					5	20	200								8
9	Sony Lake.	1	40	1	250	27	50	350					2	300		9
10	Doré Lake					23	80	800								10
11	Green and Waterhen Lakes					20	40	240								11
12	La Plonge Lake					30	30	300								12
13	Ile la Crosse Lakes					39	300	2400								13
14	La Loche and Buffalo Lakes					3	50	250								14
15	Lac La Ronge						No return									15
16	Turtle and Loon Lakes					41	140	840								16
17	Jackfish and Murray Lakes.					33	125	750								17
18	Northern Lakes					19	No return									18
	Totals	51	1100	2	950	484	1406	9756	60	300	14	14			19	800

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, for the Province of Saskatchewan, during the year 1912-13.

Number.	Fishing Districts.	Trout, cwt.	Trout, value.	Whitefish, cwt.	Whitefish, value.	Pickarel, cwt.	Pickarel, value.	Pike, cwt.	Pike, value.	Tullibee, cwt.	Tullibee, value.	Shad, cwt.	Shad, value.	† Mixed fish, cwt.	Mixed fish, value.	Number.
1	Qu'Appelle Valley.	...	...	50	500	450	2100	850	4250	160	800	...	...	200	600	1
2	Long Lake	...	...	692	4152	128	640	580	2700	...	...	...	...	40	160	2
3	Lac Pelletier.	...	...	30	300	20	100	80	400	...	...	...	...	15	60	3
4	Fishing and Devils Lakes.	...	...	...	...	69	300	350	1750	...	...	...	...	60	180	4
5	Wakaw Lake	...	...	...	...	...	...	80	400	...	...	...	...	120	600	5
6	N. and S. Saskatchewan River.	...	...	38	380	10	100	102	510	...	...	...	...	150	600	6
7	Candle Lake.	...	...	360	1440	...	...	110	330	...	...	...	...	20	40	7
8	Trout and Red Deer Lakes	...	...	560	2240	140	420	160	480	...	...	...	...	60	120	8
9	Stony Lake	...	...	390	1560	48	144	105	315	...	...	...	...	20	20	9
10	Doré Lake	...	...	2820	8460	145	435	175	350	...	...	...	...	270	270	10
11	Green and Waterhen Lakes	...	...	550	2750	150	600	180	720	100	300	...	...	180	360	11
12	La Plonge Lake	27	135	500	2000	60	180	100	300	30	90	...	...	50	50	12
13	Le La Crosse Lakes.	...	...	6000	18000	120	240	200	300	250	500	...	...	750	750	13
14	La Loche and Buffalo Lakes.	...	...	200	600	50	150	200	400	...	...	...	...	100	100	14
15	Lac la Ronge	300	900	1600	4800	300	900	120	240	...	...	...	...	120	120	15
16	Turtle and Loon Lakes	...	...	1340	5360	132	528	320	960	...	...	...	...	160	320	16
17	Jackfish and Murray Lakes	...	...	490	2450	110	440	285	1140	...	...	...	...	100	200	17
18	Northern Lakes.	250	750	7500	22500	300	600	1200	2400	...	...	...	...	500	500	18
	Totals	577	1785	23120	77492	2193	7877	5197	17945	540	1690	...	...	2915	5050	

Quantity consumed in Canada, 34,062 cwt. Quantity exported to U. S. A., 480 cwt.

† "Mixed Fish" includes catfish, greyling, bullheads, goldeyes and cunamitche.

Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

RECAPITULATION.

Of the Yield and Value of the Fisheries in the Province of **Saskatchewan**, during the Year 1912-13.

Quantity consumed in Canada.	Quantity consumed in U.S.A.	Kinds of Fish.	Quantity.	Value.
				\$
22,640	480	Trout *Cwts.	577	1,785
		Whitefish "	23,120	77,492
		Pickrel "	2,193	7,877
		Pike "	5,197	17,945
		Tullibee "	540	1,690
		Mixed Fish "	2,915	5,050
			34,542	111,839

*Cwt. = 100 lbs. † "Mixed Fish," includes catfish, greyling, bullheads and goldeyes.

RECAPITULATION.

Of the Number and Value of Vessels, Boats, Nets, Traps, etc., used in the Fisheries in the Province of **Saskatchewan**, during the Year 1912-13.

	Number.	Value.
		\$
Boats (gasoline)	2	950
" (row)	51	1,100
Gill-nets	1,426	9,756
Seines and other nets	60	300
Lines	14	14
Freezers and Ice-houses	12	800
		12,920
Number of men licensed	484	

4 GEORGE V., A. 1914

RETURN showing the Number of Fishermen, etc., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material used in the Fishing Industry, Province of **Alberta**, during the Year 1912-13.

Number.	Fishing Districts.	Boats.					Gill Nets.		Lines.		Freezers and Ice-houses.		Number.
		Sail.	Value.	Gasoline.	Value.	Licensed Men.	Number.	Value.	Number.	Value.	Number.	Value.	
			\$		\$			\$		\$		\$	
1	Wabamun Lake.....	10	250	2	1000	24	130	650			1	400	1
2	Lac Ste. Anne.....					61	80	400					2
3	Calling Lake.....					10	50	250			1	400	3
4	Lesser Slave Lake.....	21	420			4	90	450			1	450	4
5	Lac la Biche.....					5	75	375					5
6	Floating Stone Lake.....					15	35	175					6
7	Moose Lake.....					15	36	180			2	45	7
8	Cold and Primrose Lakes.....					29	125	625					8
9	North Saskatchewan River.....					6	20	100					9
10	Beaver Hills Lake.....					17	25	125			1	35	10
11	Buffalo Lake.....					11	28	140					11
12	Gull and Sylvan Lakes.....					3	3	21					12
13	Pigeon and Buck Lakes.....	20	280			86	95	475					13
14	Calgary.....					380			300	600			14
15	High River.....					120			120	240			15
16	Pincher Creek.....					720			720	1440			16
17	Cardston.....					83	5	25	79	158			17
	Totals.....	51	950	2	1000	1589	797	3991	1219	2438	6	1330	

SESSIONAL PAPER No. 22

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, Province of **Alberta**, during the Year 1912-13.

Number.	Fishing Districts.	Trout.		Whitefish.		Pickerel.		Pike		Perch.		Tullibee.		†Mixed Fish.		Number.
		*Cwts.	Value.	Cwts.	Value.	Cwts.	Value.	Cwts.	Value.	Cwts.	Value.	Cwts.	Value.	Cwts.	Value.	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
1	Wabamun Lake.....			1838	7352	180	720	210	630					25	25	1
2	Lac Ste. Anne.....			480	1920	15	45	25	50					30	30	2
3	Calling Lake.....			1390	5360							42	168	10	10	3
4	Lesser Slave Lake.....	120	600	1950	7800	126	378	340	680					40	40	4
5	Lac la Biche.....			460	1600	50	150	180	360					60	60	5
6	Floating Stone Lake.....			200	800	25	100	50	150					50	50	6
7	Moose Lake.....			270	1080	50	200	78	234			92	276	50	50	7
8	Cold and Primrose Lakes.....	200	1000	1300	5200	30	90	70	140					10	10	8
9	North Saskatchewan River.....					10	50	50	200					25	50	9
10	Beaver Hills Lake.....							145	580					50	100	10
11	Buffalo Lake.....							230	920					45	90	11
12	Gull and Sylvan Lake.....							225	900	40	240			10	20	12
13	Pigeon and Buck Lakes.....			220	1100	9	45	36	108					35	70	13
14	Calgary.....	260	2600					50	250							14
15	High River.....	190	1900					30	150							15
16	Pincher Creek.....	420	4200													16
17	Cardston.....	50	500					25	125					20	60	17
		1240	10800	8048	32212	495	1778	1744	5477	40	240	134	444	460	665	

Quantity consumed in Canada, 12,161. Quantity exported to U.S. A., none.

* Cwt. = 100 lbs. † "Mixed Fish" includes catfish, greyling, bullheads, goldeyes and ouananiche.

RECAPITULATION

Of the Yield and Value of the Fisheries in the Province of **Alberta**, during the year 1912-13.

Kinds of Fish.	Quantity.	Value.
		\$
Salmon.....*	Cwt.	
Trout.....	1,240	10,800
Whitefish.....	8,048	32,212
Bass.....	"	
Pickereel.....	495	1,778
Pike.....	1,744	5,477
Sturgeon.....	"	
Eels.....	"	
Perch.....	40	240
Maskinongé.....	"	
Tullibee.....	134	444
Catfish.....	"	
Goideyes.....	"	
Shad (fresh).....	"	
Shad (salted).....	Brls.	
†Mixed Fish.....	Cwt.	460
Caviare.....	"	665
	12,161	51,616

*Cwt. = 100 lbs.

† "Mixed Fish" includes catfish, greyling, bullheads and goideyes.

RECAPITULATION.

Of the Number and Value of Boats,*Nets, Traps, etc., used in the Fisheries in the Province of **Alberta**, during the year 1912-13.

	Number.	Value.
		\$
Vessels.....		
Tugs and Smacks.....		
Boats (gasoline).....	2	1,000
Boats (sail).....	51	950
Gill Nets.....	797	4,026
Seines and other nets.....		
Lines.....	1,219	2,438
Freezers and Ice-houses.....	6	1,330
Smoke and Fish-houses.....		
Piers and Wharves (private).....		
		9,744

Number of men licensed..... 1,589

YUKON TERRITORY

RETURN showing the Number of Fishermen, &c., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of Fishing Gear and other Material, used in Fishing Industry in the Whole **Yukon Territory**, during the Year 1912-13.

Fishing Districts.	Boats.			Gill Nets.		Lines.		Freezers and Ice-houses.		Smoke and Fish-houses.		Piers and Wharves.		Persons employed in Freezers, Fish-houses, &c.	Number.		
	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.				
1 Whole Yukon territory.	65	\$ 3000	2	\$ 750	125	155	\$ 3800	50	\$ 250	3	\$ 1500	10	\$ 1400	1	\$ 275	20	1

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, in the Whole Yukon Territory, during the Year 1912-13

Fishing Districts.	Salmon,* cwt.	Salmon, value.	Trout, cwt.	Trout, value.	Whitefish, cwt.	Whitefish, value.	Pickarel, cwt.	Pickarel, value.	Pike, cwt.	Pike, value.	Maskinonge, cwt.	Maskinonge, value.	†Mixed Fish, cwt.	Mixed Fish, value.	Numbers.
<i>Caught by Whites.</i>															
1 Dawson	500	5000	5	150	72	1728	5	100	3	60	2	50	100	2000	1
2 Pelly District.	30	300	40	1200	244	5856	3	60	2	40	4	100	22	440	2
3 Forty-Mile	182	1820	1	30	8	192	1	20	5	100	1	25	40	800	3
4 Lake LeBarge			7	210	122	2928	6	120	3	60			48	960	4
5 Carcross			60	1800	57	1368	50	1000	47	940			24	480	5
6 Klondyke River.	76	760	15	450	10	240	3	60	8	160			147	2940	6
7 Thistle and Sixty-Mile.	75	750	5	150	10	240	5	100	2	40	4	100	188	2760	7
8 All other parts of Yukon Territory.	150	1500	40	1200	65	1560	10	200	12	240			149	2980	8
Totals.	1013	10130	175	5250	588	14112	83	1660	82	1640	11	275	668	13360	
<i>Caught by Indians.</i>															
9 Salmon	175	1750	10	300	68	1632	15	300	12	240	2	50	135	2700	9
10 Teslin Lake			15	450	74	1776	2	40	10	200			117	2340	10
11 Tagish	30	300	12	250	60	1440	1	20	12	240			94	1880	11
12 Big Lake			6	360	30	720	2	40	6	120			50	1000	12
13 McQuestion and Stewart	170	1700	7	210	40	960	2	80	8	160			60	1200	13
14 Selkirk and Pelly	364	3640	30	900	184	4416	9	180	5	100			157	3140	14
15 Duncan	57	570	10	300	300	420	5	100	10	200			80	1600	15
16 Porcupine	40	400	2	60	25	600	1	20	3	60	1	25	150	3000	16
17 Peel River	138	1380	20	600	60	1440	4	80	10	200	2	50	170	3400	17
18 Rampart	150	1500	20	600	90	2160	2	40	16	320			140	2800	18
19 Hootchi	104	1040	27	810	115	2760	3	60	30	400	1	25	122	2440	19
Totals.	1228	12280	159	4770	788	18912	48	960	112	2240	6	150	1275	25500	
Grand totals.	2241	22410	334	10020	1376	33024	131	2620	194	3880	17	425	1943	38860	

All consumed in Canada. None exported to United States.

*Cwt. = 100 lbs. †"Mixed Fish" includes catfish, greyling, bullheads, goldeyes and ouananiche.

Quantity consumed in Canada.	Quantity consumed in U.S.A.	Kinds of fish.	Quantity.	Value.
				\$
All	None	Salmon.....	2,241	22,410
"	"	Trout.....	334	10,020
"	"	Whitefish.....	1,376	33,024
		Bass.....		
All	None	Pickarel.....	131	2,620
"	"	Pike.....	194	3,880
		Sturgeon.....		
		Eels.....		
		Perch.....		
All	None	Muskinonge.....	17	425
		Tullibee.....		
		Cat-fish.....		
		Goldeyes.....		
		Shad (fresh).....		
		" (salted).....	Brls.	
All	None	Mixed fish.....	1,943	38,860
		Caviare.....	"	
			7,919	111,239

RECAPITULATION

	Number.	Value.
		\$
Vessels.....		
Tugs and Smacks.....	2	750
Boats (gasoline).....	65	3,000
" (sail).....	155	3,800
Gill-nets.....		
Seines and other nets.....	50	250
Lines.....	3	1,500
Freezers and Ice-houses.....	10	1,400
Smoke and Fish-houses.....	1	275
Piers and wharfs (private).....		
Totals.....		10,975

Number of men employed in Vessels and Tugs.....	125
" " Boats....	20
" persons employed in Fish-houses, Freezers, &c.....	<hr/> 145

APPENDIX No. 11.**BRITISH COLUMBIA**

Chief Inspector for the Province, F. H. Cunningham, New Westminster.

District No. 1.—Comprising the southern portion of the province. Assistant Inspector, A. P. Halladay, New Westminster.

District No. 2.—Comprising the northern portion of the province. Inspector, J. T. C. Williams, Port Essington.

District No. 3.—Comprising Vancouver Island and part of the mainland adjacent thereto. Inspector, E. G. Taylor, Nanaimo.

REPORT ON THE FISHERIES OF THE PROVINCE BY THE CHIEF INSPECTOR.

To the Superintendent of Fisheries.
Ottawa.

SIR,—I have the honour to submit my report on the Fisheries of the Province of British Columbia, together with statistical returns for the fiscal year ended March 31, 1913.

Reference was made in last year's report to the creation of the new position of Chief Inspector of Fisheries for the whole province, and it is submitted that the department's action was a correct one, and that the value of the whole protection service in this province has been enhanced accordingly.

The southern portion of the province has been divided into districts, with efficient officers located at central points. The same remark applies to Vancouver Island. New protection boats have been supplied by the department, and there is now in vogue a methodical system of dealing with the service in this province namely, through the head office located in New Westminster.

COMMERCIAL VALUE OF THE FISHERIES.

The total commercial value of the fisheries for the whole province is \$14,455,488 for the fiscal year, as compared with a total value of \$13,677,125 for the previous year, giving an increase of \$778,363. The total increase would have been much greater if the price of canned salmon had been equal to that of the previous year, but unfortunately there was a great falling off in the market which consequently greatly reduced the value. This falling in value applied mostly to humpback salmon, but as this species is packed just as carefully as the other varieties, and is very nutritious, there is no reason why there should not be as big a demand for this class of goods as there is for the far-famed sockeye. The humpback, of course, lacks the inviting appearance of the sockeye, but that is the only difference, and this species should be in great demand with those desiring a cheap and healthful article of food.

There is a notable increase in the value of herring and halibut. This is due to the fact that a large quantity of herring was put up in the Gulf of Georgia, and also to the increased exploitation of the herring fishery in the northern part of the province.

SESSIONAL PAPER No. 22

It is gratifying, however, to note that whilst there is a falling off in the value of some varieties, others have increased and, on the whole, there is a fair increased value as compared with the preceding year.

The total value of the fishing vessels, boats, nets, etc., is \$9,941,049, as compared with \$8,903,000 for the preceding year. This increase is due to the construction of the large cold storage at Uchucklesit, Barclay Sound, by the 'Wallace Fisheries,' new canneries at Quatsino on the west coast of Vancouver Island and at Naden Harbour on Queen Charlotte Islands, and also by completion of the cold storage plant at Prince Rupert by the 'Canadian Cold Storage Company,' and by the large salmon cannery, herring saltery and other buildings erected by the 'British Columbia Fisheries' at Aliford Bay, Queen Charlotte Islands.

DISTRICT NO. 1.

This district comprises the southern portion of British Columbia, including the Fraser River district. The southern part of the district was, up to last year, protected by one overseer located at Nelson on the Kootenay lakes, assisted by special fishery guardians employed from time to time as necessity required. Owing to the influx of settlers, and the growing importance of the fisheries in the great inland lakes, it was found necessary in the public interest to arrange for a more systematic protection service; consequently, this large area was divided into districts and competent officers appointed as fishery overseers located at central points, and the allotment of the annual salaries enabled them to give their whole time to the enforcement of the fisheries regulations.

The quantity of salmon canned in this district amounted to 173,921 cases of all varieties. There were 108,784 cases of sockeye packed as against 58,487 cases for the previous year. This is a notable increase, and there is no doubt that the distribution of fry from the hatcheries on the Fraser River water sheds in 1908, which amounted to over 53,000,000 of this species, had a great bearing on it. A large number of immature males were found in the regular run, many of which entered Shuswap Lake, and to experienced fishermen, such a run is said to portend a big run of fish the following year.

There were 1,430 salmon gill-net licenses issued during the year, and 15 cannery licenses. All the cannery licenses and practically all the gill net licenses were for the Fraser River.

Reference was made in my last report to the fact that the steamer *Georgia* had outlived its usefulness and should be replaced by a suitable gasoline launch. I am glad to know that my recommendation in this connection has been acted upon by the Department.

The gasoline boat *Swan* has also been greatly improved and its usefulness increased by the installation of a new 25-h.p. engine. The launch *Elk* has been made more serviceable by transferring to her the old engine from the *Swan*.

The steamer *Restless* was utilized during the season for protection work on the Fraser and in the Gulf of Georgia, and was also used for an inspection tour of the waters of the west coast of Vancouver Island and the northern part of the province. Two hundred and eighty-nine cases of violations of the Fisheries Act in this district were dealt with, and fines were imposed in 276 cases, aggregating a sum of \$2,546.50. Thirteen cases were dismissed.

DISTRICT NO. 2.

This district comprises the northern waters of the province, and is under the supervision of District Inspector J. T. C. Williams, with headquarters during the fishing season at Port Essington, on the Skeena River, and during the winter season at Vancouver, where the greater number of fishing companies operating in the north have their headquarters.

The statistics for this district give the value of the total pack as \$5,081,291, against \$4,722,761 for the preceding year.

The development in these northern waters referred to in last year's report is now a matter of actual fact. The cold storage built and equipped by the 'Canadian Cold Storage Co.' is in operation, and its fleet of deep sea fishing craft is now practically engaged in the fishing industry. The 'British Columbia Fisheries, Limited,' operated their new cannery at Aliford Bay, and their fleet of halibut boats may be seen on halibut banks. The herring fisheries of Prince Rupert harbour received considerable attention during the winter months, and large quantities of herring for bait were caught and placed in cold storage for this year's halibut fishing.

The district is protected by fishery overseers located at Rivers Inlet, Prince Rupert, Naas Harbour and on Queen Charlotte Island. These officers are supplied with patrol boats, and are constantly on the move throughout the season. They are assisted by special guardians placed on the upper reaches of the rivers, and further assistance is given by the provincial fishery and game wardens. The steamer *Falcon* was as usual employed at different parts of the district as her services were required, and was also utilized by the inspector in travelling from centre to centre at such times as his presence was necessary.

District No. 2 is a very large one, and owing to the general development, it was considered advisable to create what is known as the Central Division, embracing the following area: From Addenbrooke Island in Fitz Hugh Sound, following the southerly coast of Hecate Island; thence north, following the coast line to Lowe Inlet, Grenville Channel; thence following the easterly shore line back to Addenbrooke Island, including all inlets, bays, channels and lakes embraced in this area, with the exception of Dean and Burke Channels.

This was necessary owing to the fact that Butedale cannery, Lowe Inlet, the new cannery at East Bella Bella, and the Namu cannery, were at too great a distance from Skeena River to admit of the protection necessary being afforded; consequently, a new overseership was created and filled by the appointment of Mr. James Boyd, with headquarters at East Bella Bella. This officer had been in the service as patrolman on the Skeena River, and his experience and knowledge thus gained well fitted him to fill the more important position of fishery overseer.

Whilst there was a decrease in the number of cases of sockeye packed on the Skeena River as compared with the previous year, it is not fair to assume that there was a small run of this variety. Large quantities of fish escaped the nets and reached their natural spawning grounds, as reports are to the effect that in addition to the hatcheries being filled with eggs, the natural spawning grounds were well seeded.

The fisheries regulations were well enforced in this district, and very few seizures were made; owing to the constant patrolling of the launches, little illegal fishing was attempted.

DISTRICT NO. 3.

This district is under the supervision of Inspector E. G. Taylor, residing at Nanaimo, and comprises Vancouver Island and the mainland adjacent.

The statistics for this district show that there is an appreciable increase in the commercial value; the total being \$3,110,877 for this year as compared with \$2,786,302 for the previous year. The increase in the quantity of herring caught is a notable feature; the total being 515,980 cwt. as against 499,210 cwt. for the previous year, with a value of \$462,963 as against \$301,635.

Last year 890 whales, including 24 sperm whales, were captured, as against 581 whales, including 16 sperm whales, for this year.

One new cannery has been constructed in the district, and is operated by the 'Jervis Inlet Canning Co.' at Bargain Harbour. Large quantities of salmon for this cannery were caught by trolling; in fact, this mode of fishing is extending to all parts of the coast.

SESSIONAL PAPER No. 22

The cold storage located at Uchucklesit and operated by the 'Wallace Fisheries' is a modern institution and is of considerable value to the fishing industry on the west coast. It gives employment to a large number, and the businesslike methods prevailing should ensure a successful venture.

Reference was made in last year's report to the fact that owing to the size of this division, additional boats were required for fisheries protection. The steamer *Alcedo* renders good service, but it was felt that even greater protection was necessary than could be afforded by this patrol steamer. With this end in view, the whole coast line of the island has been divided into nine sections which provides for the necessary protection. The districts thus created are as follows: Quatsino, Clayoquot Sound, Alberni, Cowichan, Nanaimo, Comox, Campbell River, Alert Bay and Pender Harbour, including all the bays and inlets, as well as the inland lakes as they occur in the respective districts. Salaries have been allotted to the respective officers which will allow of their giving their whole time to the district. Contracts have been allotted for gasoline boats for such districts as require them, and when construction is completed, they will be put into commission. As these boats are commodious and seaworthy, it is anticipated that they will also render considerable service in protecting the three-mile limit.

OBSTRUCTIONS.

Considerable work has been done during this year in connection with removing rock and log jams which were an obstruction to the free ascent of salmon to their natural spawning grounds. At the Stamp River Falls in District No. 3, a free passageway was made, and salmon can now ascend without experiencing the difficulties which existed before these falls were made accessible.

The work of constructing a passageway at the Medziaden Falls, Naas River District, was undertaken by the Provincial Fisheries Department, the Dominion Government assuming the cost thereof. This work, when completed, will cost about \$14,000, and will lay open large additional spawning areas to which fish can ascend without hindrance at all stages of water.

The work of making the falls at Bridge River on the Fraser River accessible to salmon is also being proceeded with by the Provincial Department, the Dominion Government assuming the cost. This work, together with the arrangements made for the removal of Indian barricades on the upper waters of the Fraser, ought to be of great value to future returns of salmon from this water-shed. These barricades were erected by the Indians in such a way that few, if any, salmon could escape, and their removal is a cause for congratulation, especially as no hardship has been placed upon the Indians, they having been supplied with nets with which they are enabled to supply themselves with the necessary fish for their maintenance.

There are many other streams throughout the province requiring attention, and these will be attended to as conditions will permit.

REGULATIONS.

This year changes have been made in the regulations which affect more particularly the northern part of the province. In December, 1910, a regulation was made which provided for what was known as boat rating areas, and covered Skeena River, Rivers Inlet, Naas River, Bella Coola, Kimsquit Manitou, Smith's Inlet, Namu and Lowe Inlet. To each of these areas a maximum number of boats was allotted, and this number was again allotted to the canneries then in existence.

This system, whilst it had its good points, was too drastic, and prevented that competition which is the life of trade.

4 GEORGE V., A. 1914

It was the desire of both the Federal and Provincial Governments to encourage white fishermen to become permanent settlers in the north; consequently, whilst the number of licenses to be issued in each area remains the same, a certain percentage was reserved for white fishermen who were British subjects owning their own boats and nets, and which it is expected, will be a means of encouraging British subjects to take up their permanent residence in this part of the province, where great opportunities exist, and where success awaits those who are industrious and thrifty.

GENERAL REMARKS.

I am pleased to refer to the visit of the Superintendent of Fisheries, which occurred in July. The Superintendent and Provincial Deputy Commissioner of Fisheries, together with the Chief Inspector, accompanied by the District Inspectors in their respective districts, made an inspection tour of practically the whole coast of the province, including Queen Charlotte Islands.

The tour was an instructive one from many standpoints. The Superintendent of Fisheries became personally acquainted with the requirements of the fishing industry, and is thus better enabled to deal with questions coming before him, having a personal knowledge of the locality affected.

Periodical visits by officers from the Department are of great value officially, as a personal knowledge expedites and assists in reaching businesslike decisions.

The fishery exhibit was, as usual, held in connection with the annual exhibition in New Westminster. The exhibit consisted of a miniature hatchery in operation. Specimens of the different species of salmon indigenous to this coast and all of which had been incubated and reared in retaining ponds connected with the Dominion Government hatcheries, were shown in glass aquaria. The usual mounted specimens were in evidence.

This exhibit is becoming more popular year by year, and the building is really now too small to accommodate the interested crowds. It is certainly a valuable source for disseminating information on the fisheries, and to illustrate, although in a small way, the work of the hatcheries throughout the province.

The exhibit was this year honoured by the presence of His Royal Highness, the Duke of Connaught, who expressed himself as greatly interested.

I am pleased to be able to refer to the amicable relationship which has existed between the Provincial Fisheries Department and your representative here. Every effort has been made on both sides to act in the best interests for the development and conservation of the fisheries. Conferences have been held both in Ottawa and Victoria, and it is sincerely hoped results will show wise decisions have been reached. In any event, it can only be felt that the very best consideration was given to all matters pertaining to the welfare of the fisheries of this coast, and that everything possible has been done to foster a great heritage.

I am, sir,

Your obedient servant,

F. H. CUNNINGHAM,

Chief Inspector of Fisheries.

REPORT ON THE FISHERIES OF DISTRICT NO. 1.

To F. H. CUNNINGHAM, Esq.,

Chief Inspector of Fisheries,

New Westminster, B.C.

SIR,—I beg to submit herewith the Statistical Report of the Fisheries for District No. 1, British Columbia, for the fiscal year ended March 31, 1913.

Salmon.—There is quite a noticeable decrease in the total pack of canned salmon as compared with last year, there being then a total of 301,978 cases, against 173,921 cases this year. This is accounted for by the fact that this season a very small

SESSIONAL PAPER No. 22

quantity of salmon outside of the sockeye was packed, but of this variety almost double the quantity as compared with last year has been put up, as shown by the following figures:—

	Sockeye. Cases.	Other Varieties. Cases.	Total.
1911 and 1912.. . . .	59,815	242,163	301,978
1911 and 1913.. . . .	108,784	65,137	173,921

This was expected to be the smallest run of sockeye in the four years' cycle, but as shown above there is an increase in the pack over the previous year of 48,968 cases, and compared with the last 'small run' four years ago (though that year there were 11,448 cases put up from fish brought from the south-west coast traps) there is the remarkable increase of 34,210 cases.

The following table shows the quantity of the different varieties packed in this district this season:—

Sockeye.. . . .	108,784 cases
Red Spring.. . . .	14,655
White Spring.. . . .	8,373
Cohoos.. . . .	28,574
Chums and Pinks.. . . .	13,535
Total.. . . .	173,921

The sockeye were of unusually good quality throughout the season, but a very extraordinary feature of the run was the large number of immature males which appeared with the regular run. Quite a number of those were gilled in the regular sockeye net, $5\frac{3}{4}$ inches extension measurement, though they were not more than half the size of the average sockeye.

The great improvement in the run of sockeye this season would surely indicate the splendid results from our hatcheries, as in the summer of 1908 there were liberated from the Dominion Government hatcheries situated on the Fraser River water sheds, 53,332,000 sockeye fry.

Halibut.—The return shows this season 21,127 cwts. as against 15,854 cwts. last year, an increase of 5,273 cwts. This was taken by the different fishing companies engaged in this trade, principally in District No. 2 and in neutral waters. A great deal of this was taken by the 'New England Fish Co.' and brought into this district in bond and sent direct through for consumption in the United States.

Cod.—The returns show the catch of this variety to be about the same as last year, though the demand was considerably greater, and consequently it commanded a better price. The total amount of the return is 1,475,000 lbs., though there is no doubt a great deal of this variety is taken by Japanese by means of hook and line, and sold to peddlers, who, in turn, retail it from house to house, and for which it is impossible to obtain an accounting. The average wholesale price paid this season for cod was $5\frac{1}{2}$ cents per pound.

Herring.—There is a very noticeable increase in the quantity of herring taken in this district over last year. The return this year shows 46,800 cwts. against 19,822 cwts. last year. This is accounted for by the fact that the herring were unusually large in size and of exceptionally good quality; consequently there was a greater demand, a better price paid, and more fishermen were engaged in the business. The average wholesale price paid for these fish in a green state was 3 cents per pound, while last year only 2 cents was paid.

The total value of the product of the fisheries of this district this year, you will notice, is \$6,263,320, which is \$105,258 greater than last year, which is exceedingly encouraging to all that are interested in this very important industry.

4 GEORGE V., A. 1914

A very important matter affecting the fisheries of this district is the somewhat old question of hair seals. These destructive pests continue their depredations, particularly upon the spring salmon and during the season when there is a great demand in the markets for this variety of fish. The destruction which these creatures occasion is a great source of annoyance and of tremendous loss both to the fishermen and dealers.

As you are aware, shot guns have been tried, but without any noticeable effect. Also a test was made last year with cross lines, but this too failed so far as practical results were concerned, as these mammals appear to possess almost human intelligence, and successfully keep out of harm's way when an attempt is made at their capture. It is to be hoped that the department can devise some method that will either drive out or exterminate the hair seal.

Re-organization.—The re-organization of this district went into effect on the 24th of July last. Under such re-organization the interior portion was divided into four sub-districts, and placed under the supervision of overseers with headquarters as follows: Nelson, Vernon, Kamloops and 150-Mile House.

The remaining portion of the district, including the waters of the Lower Fraser with all its small tributaries, Lillooet Lake, Harrison Lake and the streams flowing into them, Serpentine and Nicomekl Rivers, the Gulf of Georgia, Howe Sound and the Squamish, have been attended to by myself with the assistance of the local officers in charge of the Fisheries Protection launches.

The work of protecting the fisheries has been well performed under the above arrangement. The duties of the officers in the interior portion of the district have consisted in looking after the operations of sawmills to prevent the depositing of refuse into the streams, and attending to the enforcement of the regulations, especially concerning the protection of the fish on their spawning grounds. I may add that throughout the whole district, good and efficient service has been rendered by the various officers and the interests of the fisheries well protected.

I am, sir,

Your obedient servant,

A. P. HALLADAY,

Assistant Inspector of Fisheries.

REPORT ON THE FISHERIES OF DISTRICT No. 2.

To F. H. CUNNINGHAM, Esq.,
Chief Inspector of Fisheries,
New Westminster, B.C.

SIR,—I have the honour to enclose my statistical report on the fisheries of the northern coast of British Columbia, District No. 2, for the fiscal year ended March 31, 1913, including the salmon packs for the different divisions. These returns show an increase in the aggregate of the total value of fish and fish products for 1912-13, being \$5,081,291, as against \$4,722,761 for 1911-12. This increase is accounted for to some extent by the additional pack of 127,116 cases of salmon over that of last season, also by the development of the herring fisheries of Prince Rupert, and the erection of additional canneries at East Bella Bella, Naden Harbour and Aliford Bay, the two latter canneries being situated on the Queen Charlotte Islands. The East Bella Bella and Naden Harbour canneries have operated principally in the salmon fisheries, but the Aliford Bay cannery, which is owned by the 'British Columbia Fisheries,

SESSIONAL PAPER No. 22

Limited,' have not only put up a fair pack of salmon, but have entered the herring and halibut industry extensively.

The total pack of salmon for the season of 1912-13 is as follows:—

	1912-13.	Cases.
Soekeye.. . . .		301,063
Cohoe.. . . .		98,202
Spring.. . . .		39,814
Humpback.. . . .		224,289
Total.. . . .		663,368

	1911-12.	Cases.
Sockeye.. . . .		306,605
Cohoe.. . . .		54,063
Spring.. . . .		25,661
Humpback.. . . .		149,923
Total.. . . .		536,252

Approximate increase and decrease, detailed.

	Cases.
Skeena River, decrease.. . . .	152
Rivers Inlet, increase.. . . .	36,631
Naas River, increase.. . . .	5,478
North coast and Queen Charlotte Islands, increase	86,159

Skeena River.—The run of sockeye on the Skeena River shows a considerable falling off. It is difficult to account for the deficiency in the run of this variety of salmon. The weather was all that could be desired, westerly winds prevailed, the water was of a good colour and everything seemed favourable to an excellent catch. The spawning grounds are protected and carefully patrolled by our officers, barricading and unnecessary waste of fish by the Indians was prevented. I should strongly advise the immediate reduction of the Tatcha River falls, which will enable the salmon to reach a magnificent area of spawning ground hitherto unapproachable. Steps have already been taken by me to obtain a report on the local conditions in connection with the removal of this obstruction, and plans and specifications are now in the hands of the chief inspector. I consider this the most important work in connection with the spawning grounds of the Skeena River.

The run of springs was an average one, but the run of humpbacks was again phenomenal. I enclose Overseer Norrie's report in connection with his division, in which he touches on the seeding of the spawning grounds and other matters of interest.

Rivers Inlet.—I am gratified at being able to report an increase of some 36,000 cases in sockeye pack of Rivers Inlet. This I consider is attributable to the magnificent weather during July and August westerly winds prevailed the water was thick, thus preventing the salmon from seeing the nets, which enabled the fishermen to make good catches.

Fishery Overseer Saugstad reports the spawning grounds on Oweekayno Lake and tributary streams well stocked with salmon of all varieties. The fishery regulations were well observed throughout the whole season.

Naas River.—The pack of salmon on this river increased some 5,000 cases, but run of sockeye being practically the same as last season. The increase is attributable to the canners packing more fall fish than hitherto. The fisheries generally are in a satisfactory condition, and Overseer Adamson reports very few violations of the fisheries regulations.

4 GEORGE V., A. 1914

I am gratified at being able to report that arrangements have been made by the Dominion Fisheries Department with the Provincial Fisheries Department to remove the obstruction at the foot of Meziaden Lake that flows into the Naas River. In 1896 I made a full report to the department on this subject, pointing out the large area of spawning grounds that would be available for salmon by the removal of this obstruction and have always considered it of vital importance to the salmon fisheries of the Naas River.

Last fall Mr. J. P. Babcock, the fisheries expert of the Provincial Fisheries Department, was appointed to superintend this work, and he designed a fishway to be built in the north side of the falls. This work is in actual charge of Mr. E. J. Gillingham, Provincial Engineer. The work was commenced in November and will be completed in March. It will cost about \$14,000, which will be paid by the Dominion Government. The lake is some twelve to thirteen miles in length with a width of about one and three-quarter miles. Tributary streams come from the glaciers, and the spawning grounds are principally along the shores of the lake. The falls obstruct the passage of salmon to a certain extent at all stages of water, but at the low stages it is completely blocked.

All varieties of salmon frequent these waters, especially the sockeye. I am indebted to Mr. J. P. Babcock for this information.

North coast and Queen Charlotte Islands.—The pack of salmon has increased some 86,000 cases. This is attributable to two causes, the building of additional canneries at East Bella Bella, Naden Harbour, and Aliford Bay, and also the exceedingly heavy run of humpback salmon referred to previously in my report. The new canneries packed almost exclusively the coarser grades of salmon, as they are located in waters little frequented by sockeye. The East Bella Bella cannery is situated near Bella Bella in Lama Passage, and is distinctly a fall fish proposition. The Naden Harbour cannery, owned by the 'Wallace Fisheries, Limited,' is situated on Virago Sound, Graham Island, and the Aliford Bay is situated on Skidegate Inlet, and owned by the 'British Columbia Fisheries, Limited.' This company was organized by Sir George Doughty. They are going extensively into all branches of the industry, especially salmon, halibut, and herring. They own several trawlers and purpose increasing their operations in the near future. I enclose report from Overseer Harrison on his work and observations in his division, namely, the Queen Charlotte Islands.

The run of herring in Rupert Harbour has been exceptionally heavy and operators have had all they could handle, but the low figure which prevails in the Oriental market for these fish, together with the high rate of wages paid to employees, has resulted in most unsatisfactory conditions, and until a better price is procurable for this fish, I am afraid there will be little further development.

Taking the fisheries in my district, I consider they are in a most satisfactory condition, and though prices of some varieties at the present moment are slightly depressed, there is no question that this trouble will regulate itself in the near future, when better prices will be obtained. The whaling stations operated at Virago Sound and Rose Harbour on the Queen Charlotte Islands, had a most successful season, the number of whales captured was 526, including three sperm whales, against 300 last season.

This is the first occasion on record in which sperm whales have been captured in the northern waters.

I am, sir,

Your obedient servant,

JOHN T. C. WILLIAMS,
Inspector of Fisheries.

SESSIONAL PAPER No. 22

REPORT OF OVERSEER STEWART NORRIE.

PRINCE RUPERT, B.C., February 21, 1913.

To J. T. C. WILLIAMS,
Inspector of Fisheries.

SIR,—I beg to submit the following report, touching on the Prince Rupert and Skeena River divisions of District No. 2, which have been under my care for the past year.

The spring salmon run on the Skeena River was a very large one, more fish of this variety being taken than in any other year in the history of the river. The mild curing process seems to have a market that is hard to overstock.

The catch of sockeye was hardly up to the average, but large quantities of fish got past the nets, and conditions this season have been in favour of the fish reaching their spawning grounds.

This is the first year the coho fishing has been prosecuted with vigour. Few fishermen, and not even the cannerymen themselves, I believe, had any idea of the large number of fish of this variety that run on this river in the fall, and no doubt in future the coho will be depended upon as a valuable asset.

Each year as it passes seems to eliminate to some extent the old-time deplorable waste of valuable fish food for lack of a market. This year the largest part of the humpback catch was packed. It is a variety that never seems to fail on this river. Some fishermen attempt to single out special humpback years, but my own experience leads me to believe that the Alaska pink or humpback is with us in much the same proportion every year.

There was only one case of illegal fishing. This is, without doubt, due to the never-ceasing patrol kept up by the department launches, the province also with a chartered launch helped considerably, during the sockeye run, and the threat of heavy fine has practically done away with the one-time notorious practice of violating the fisheries regulations.

The increasing tendency of the fishermen to fish outside, in the southern portion of Chatham Sound, is good, thus spreading the allotted number of boats allowed by the rating over a larger area of water, than the old-time policy of never leaving the estuary of the river.

I am pleased to report that large quantities of salmon of all kinds succeeded in reaching their spawning grounds. Guardian MacKendrick, from Babine, reports that the fish have acted a little differently this season. For several years the run of salmon up the hatchery creek has been very limited, and this season the superintendent has been able to secure enough ova from this creek to almost fill his hatchery. Tache was the worst stocked spawning ground of the lake; everywhere else, the spawning grounds had their average complement of sockeyes. One thing, however, was very noticeable, and was remarked by the Indians, that there was an unusual amount of under sized fish or 'runts,' some of them as small as ten and eleven inches, mostly males.

The assistance given to MacKendrick by the appointment of Guardian Collins was good, in giving MacKendrick the opportunity to render what, I consider, a complete and thorough report on the country drained by the Tache River. The department will now be in a position to decide as to its policy pertaining to these falls.

Guardian D'Egville reports the usual amount of fish on his beat. He visited Kisgagas, and found that the Indians were complying with the law, and expected to get their usual amount of fish for food purposes without much trouble; also Kuldo, Schalm Geese, and Blackwater, one of the headwaters of the Naas River. The Indians are behaving themselves very well, and he has had very little trouble around Hazelton

4 GEORGE V., A. 1914

and Agwilgat. The Bulkley River has had a very fair run again this year, and the Morristown Indians got all they require for food purposes; so also has the Kispiax River, and the Indians who take their toll from that stream.

Guardian Henry Frank, whose beat extends from tide water to Hazelton, reports a good season for that part of the river under his care, and calls attention to an obstruction in the Simaquoix River, a correct copy of his report on these falls having been forwarded to you by me in October.

The creeks running direct into salt water, and in the immediate vicinity, have each had their complement of humpbacks and coho salmon, and Shawatlans and Kloiya also had their usual amount of sockeyes.

The Metlakatla Indians fished Shawatlans Inlet commercially as usual, and with success, but they don't seem to think much of Kloiya as a fishing ground.

Guardian James Boyd, employed on the lower river, and captain of the *Hawk*, after a faithful season's service for the department, was unlucky enough before the season ended, whilst investigating the headwaters of the Oxstahl River, to contract a bad case of inflammatory rheumatism in the knees, which, after considerable acute suffering in the general hospital here for over two months, is still weak and stiff, and not in condition to do hard work.

This must be considered the first season that herring have been fished to any extent in Prince Rupert Harbour. The fish put in an earlier appearance than usual, a few being caught at the entrance to the harbour before the end of November. Since then the harbour has simply been a mass of fish. Some of the seine licensees fishing for the Japanese trade in dry salted herring, on account of a glut in the market, had to abandon fishing before they had made expenses. The operators who have made a success of the herring fishing is the Canadian Fish and Cold Storage Company, who have frozen their catch for bait for cod and halibut fishing. Their fish is easily worth twenty dollars per ton to them, and last fall bait here was worth forty dollars per ton. Crippen and Company are also doing well with their kippering, and special mode of curing, and expect to make a good season's showing. The British Columbia Fisheries, Limited, have also put up a large quantity of salted bait, which they intend to use in the halibut and cod fishing. The fishing is practically over for the season, close upon five thousand tons having been taken up to date. Simpson Harbour has not received much attention by the herring fishermen this season.

Large quantities of spring salmon, which always follow in the wake of the herring, have been caught with spoon hook and line, both in this and Simpson Harbour, this winter.

Cod and halibut were plentiful, and the fishermen were successful up till the fall, but the winter was a succession of south-east gales, which made it impossible to make big catches.

The trawler *Kingsway*, which used to operate out of here, and was responsible for the nice variety of mixed fish that came to the local market, was taken off through the summer, to operate, I believe, out of Vancouver.

Speaking to the captain of the trawler *Triumph*, one of the British Columbia Fisheries new vessels, I asked him if he considered the grounds in the Hecate Straits too rough for the Otter trawl, and he expresses himself as confident he could make a success of it, provided that the fish was there. He says that a man in charge of an Otter trawl must feel his ground first, which he says is simple enough, and when he has found clear ground, he can go ahead with confidence.

I am, sir,

Your obedient servant,

STEWART NORRIE,
Fishery Overseer.

SESSIONAL PAPER No. 22

REPORT OF OVERSEER C. HARRISON.

MASSETT, B.C., December 3, 1912.

J. T. WILLIAMS, Esq., S.M.,
Inspector of Fisheries.

SIR,—The season just closed has been the first for the operation of canneries on Queen Charlotte Islands. There are now two first-class canneries in this district, one at Naden Harbour and the other at Aliford Bay. They were not in readiness for canning when the fish first began to run, and consequently the pack at either place was not as large as it might have been. The vessels and boats were partly new and partly old at the Naden cannery, whereas at Aliford Bay all were new and in excellent condition. Next year, as the canneries are now completed and fully equipped, the pack should be at least double that of the past season. It is only just to consider that this was the first year of a venture on the part of these two large fishing companies to exploit the salmon in Hecate Straits. Early in May the salmon banks off Langara Island attracted the attention of the fishermen. They gathered in large numbers and in June began trolling for spring or king salmon. The cannery at Naden Harbour offered three cents per pound for the fish, some of them weighing as high as ninety pounds, and the catch was far beyond expectations. Some of the fishermen captured twenty fish a day by simply rowing about, with a line and herring or spoon bait. A few whites tried their luck and were more than pleased. If the fishing ground were in the neighbourhood of some large city, or if the islands were advertised, as they should be, tourists from all over the world would be attracted by the great sport. The spring salmon is also a wonderfully delectable fish. This is the first year, I believe, that these fish have been canned for commercial purposes, and the Naden cannery filled over 6,000 cases for export. Formerly they were mild cured and exported in barrels or put into the cold storage plant at Claxton. A close season for trolling for these fish similar to that enforced for the use of gill-net fishermen should in my opinion be at once inaugurated. After the run of the spring salmon, the pink, or humpback salmon run commenced. Indians and Japanese who are acquainted with the fish of these waters consider the pink salmon equal to any caught. The fish if caught before entering the rivers is of good colour and appearance. The further it ascends the river, the more it deteriorates. Alaskans have been canning this salmon for a good many years and shipping them to China and Japan. The epicure is assured that the pink salmon is equal to any as a food, and should become a marketable article in European centres. The inlets and rivers were literally jammed with these fish. The two canneries could not handle the catch, and a visit to the spawning beds shows that there is little danger of exhausting the supply in the near future. A law should, however, be made to inflict a penalty on the fishermen or cannery owners, *i.e.*, the parties who are really guilty for catching more fish than can be handled at the canneries should be punished. This year many thousands had to be dumped from the scows into the salt water in front of the canneries, as the canneries could not handle all that were caught. This is simply a wanton destruction of good edible fish that in the near future will be required and be in great demand, therefore before it is too late precautionary methods should at once be adopted and no more fish allowed to be caught than can be utilized. During the past fishing season I did my utmost to protect the fisheries and prevent illegal fishing as far as I was able, but my district, comprising the whole of the waters surrounding the Queen Charlotte Islands, is a very large one. The most remarkable thing about the fishing in this district is the fact that all is or should be done in the salt water. The rivers and streams which are numerous are very narrow, and the fisheries regulations do not allow the fishermen to enter the rivers, and consequently most of my

4 GEORGE V., A. 1914

time was occupied in protecting the rivers and streams from being illegally used by the fishermen. In regard to the weekly close season, the Haidas have caused me no trouble, as they themselves always looked forward to this period of rest to meet their friends at the canneries, but I cannot say the same regarding the whites, as some of them would fish every day in the week if they thought they were not likely to be caught. The gasoline schooner *Josephine* was engaged during the past season for patrol work, and although she is the best gasoline boat in this inlet, she is too slow and too small for the work required to be done. The superintendent whilst at Massett requested me as early as convenient to send you the details of the vessel that would be suitable for fishery patrol work in this district. This I have already done and hope that the vessel will be built in time for next season's work. During the coho and humpback season the department should allow me to engage two fishery guardians, one for the north end and the other for the south (distance between these two places being about 120 miles), as during my absence from either place there really is (outside of special constables who, as a rule, do not care to interfere with fishery matters), no one to see that the regulations are fully complied with.

All our streams up to the present time are free from sawdust and mill refuse, as the sawmills now in operation on these islands are located on the various town-sites and not near any river or stream that salmon frequent. I wish to draw your attention to the fact that the sockeye and coho runs were almost failures during the past season, and consequently attention should be paid to the propagation of these two species. On some days the Indians caught from 20 to 100 cohoes, but the run was not constant. It is possible that the island rivers are not large enough for the cohoes and sockeyes to ascend them in large numbers. At any rate, it is evident that the two species have not been plentiful during the past year. I believe that had we proper fishways up the Aiin and the Naden rivers so that the salmon could enter the Aiin and Eden lakes, that within a very few years with careful attention, the cohoes and sockeyes would become almost as plentiful as the humpbacks. Aiin is a large body of water about twenty miles in length and from half to one and a-half miles in width, and very deep in the centre, but the fish cannot ascend as they should do owing to rocky waterfalls averaging in the Aiin District from the mouth of the river to the outlet of the lake about 100 feet. There are also two waterfalls in the Naden River that need to be blasted out to facilitate the entry of the fish higher up the river and into Eden lake. I have already sent you reports *re* the various rivers at the south end of this island and those on Moresby island, Aiin, Naden, Yakoun, and Ouan rivers are the principal rivers at the north end of the island that the sockeyes and cohoes frequent, and Copper river and Honna are the best rivers for these fish down south. For the propagation of the species the rocky waterfalls and obstructions should be cleared out of the streams in order to allow the fish to ascend to their natural spawning beds. Two hatcheries under the supervision of competent men should also be erected, and the most suitable places in my opinion are Ouan river up Massett inlet, and the Honna river near Queen Charlotte city. With the removal of all the obstructions to the salmon ascending to natural spawning beds, with proper and careful protection during the fishing season, and with the erection of hatcheries to propagate the species required, I firmly believe that the salmon fisheries in this district would in the near future become large enough to supply six instead of two good sized canneries.

I am, sir,

Your obedient servant,

C. HARRISON.

SESSIONAL PAPER No. 22

REPORT ON THE FISHERIES OF DISTRICT No. 3.

To the Chief Inspector of Fisheries,
New Westminster, B.C.

SIR,—I have the honour to enclose my statistical report on the fisheries for District No. 3, of the province of British Columbia, for the fiscal year ended March 31, 1913.

This was a banner year in the various branches of the fishing industry throughout the district, and the development along all lines was most satisfactory. This was especially the case in the salmon and herring fisheries. The total value of fish and fish products for the year was \$3,110,877 against \$2,786,302 for the year ended March 31, 1912, an increase of \$324,575. Last year the value of salmon marketed was \$1,485,517; this year it is \$1,931,685, an increase of \$446,168. The salmon catch last year was 166,322 cwts.; this year it is 221,410 cwts., an increase of 55,088 cwts. 700,000 pounds of spring salmon were put up by the mild cure packers at Victoria for the foreign market. These salmon were taken in the traps operating on the south-west coast of Vancouver Island. Five traps fished last season. They were operated by J. H. Todd and Sons. This firm is the only one operating traps on the coast of Vancouver Island. One new salmon cannery was erected and operated for the first time at Bargain Harbour, on the mainland coast, this season.

The herring fisheries continue to show a satisfactory development, especially in Nanaimo District, where the increase over last season was 10,000 cwts. In the Pender Harbour District the catch was only a little over one-fifth of last year's. This was owing to the inner waters of the harbour being closed to seine fishing.

The halibut fishing on the west coast of Vancouver Island received greater attention this past season than ever before, and the various fishing vessels engaged in this branch were rewarded with a fair measure of success; but owing to the unusually stormy weather which prevailed through the winter months, their operations were greatly hampered. The cold storage plant erected at Uchucklesit Harbour, Barclay Sound, Vancouver island, is proving a great stimulus to the fisheries on that coast.

The two whaling stations operated by the Canadian North Pacific Fisheries on the west coast of Vancouver Island had a fairly successful season. The whales taken to the station at Kyuquot Sound numbered 297, and the number taken to the Barclay Sound station was 284, making a total capture of 581, which includes sixteen sperm whales. Last year the number of sperm whales taken was 24, and the year before eleven sperm whales were captured.

In compliance with the conditions agreed upon by the various powers interested in the preservation and protection of the fur seals, which frequent the waters of the North Pacific ocean, the sealing vessels accustomed to engage in this industry did not go out, consequently only the Indians along the west coast of Vancouver Island hunted the fur seal. They succeeded in capturing 205 skins, valued at \$6,150. Under the sealing regulations, the Indian is only permitted to kill the seal with a spear, and can only use a canoe. The large price offered for the skins is a great temptation to the Indian to adopt modern methods in seal-hunting thereby violating the regulations.

It is very gratifying to report, however, that the fisheries regulations throughout the district were well observed during the past season, and the infringements were fewer than in any previous season.

I am, sir,

Your obedient servant,

EDWARD G. TAYLOR,
Inspector of Fisheries.

SUMMARY

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for District No. 1, Province of **British Columbia**, during the year 1912-13.

Kinds of Fish.		Caught and Landed in a Green State.		Marketed.		Total Marketed Value.
		Quantity.	Value.	Quantity.	Value.	
			\$		\$	\$
Salmon.....	cwts.	*410,000	1,435,000	56,970	712,125	
" used fresh and frozen.....	"			173,921	1,087,006	
" canned.....	cases.			118,668	1,186,895	
" salted.....	cwts.			36,002	112,530	
" mild cured.....	"			1,206	18,090	
" smoked.....	"					3,116,646
Cod.....	"	14,750	81,125	13,118	131,180	
" used fresh.....	"			211	2,637	
" shipped green-salted.....	"			376	5,640	
" dried.....	"					139,457
Oysters (native).....	"	755	3,267	755	3,267	
" (transplanted from East used fresh).....	"	4,809	8,015	4,809	8,015	11,282
Herring.....	"	46,800	140,400	32,843	328,430	
" used fresh.....	"			6,609	99,135	
" smoked.....	"			215	7,350	
" pickled.....	brls.					434,915
Octopus.....	cwts.	245	1,715	245		3,675
Whiting.....	"	500	1,750	500		5,000
Perch.....	brls.	1,306	7,836	1,306		13,060
Halibut.....	"	211,274	1,267,644	211,274		2,102,495
Flounders.....	"	950	3,800	950		7,600
Smelts.....	"	1,864	9,320	1,864		27,960
Trout.....	"	2,505	25,055	2,505		37,582
Oulachans.....	"	800	3,200	800		8,000
Sturgeon.....	"	5,051	35,357	5,051		75,765
Soles.....	"	3,520	17,600	3,520		35,200
Skate.....	"	898	2,694	898		7,184
Shrimp.....	"	27	270	27		540
Clams.....	brls.	2,712	5,424	2,712		13,560
" used fresh.....	"					
Crabs.....	cwts.	20,252	81,003	20,252		202,520
Salted salmon roe.....	"			2,000		10,000
Fish oil.....	gallons			19,276		5,782
Guano.....	tons			150		5,097
Totals.....			3,130,480			6,263,820

*Of the Salmon catch 216,335 cwts. were dog salmon of low value.

SESSIONAL PAPER No. 22

SUMMARY

Of the Number of Fishermen, &c., and of the Number and Value of Fishing Vessels, Boats, Nets, &c., in District No. 1, Province of British Columbia, for the year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage 1,696).....	8	443,000
Boats (sail) ...	220	18,700
" (gasoline)	1,210	605,000
Tugs, smacks, &c.....	41	82,000
Gill nets.....	1,448	181,000
Seines.....	5	1,250
Salmon trap.....	2	16,000
Smelt nets.....	57	2,850
Trawls.....	550	27,500
Hand lines.....	375	938
Salmon canneries.....	15	600,000
Oil factories	1	35,000
Freezers and Ice-houses.....	5	420,000
Smoke and Fish-houses.....	7	280,000
Piers and wharfs.....	38	1,182,700
Totals.....		3,895,938

Number of men employed on vessels and tugs.....	243
" " boats.....	2,860
" persons employed in Fish-houses, freezers, canneries, &c	1,640
Totals.....	4,743

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Industry in the District No. 2, Province of British Columbia, during the year 1912-13.

Fishing Districts.	Fishing Vessels, Boats, Tugs.						Fishing Gear.						Canneries.		Other Material.				Persons employed in Can-neries, Freezers and Fish-houses.	Number.						
	Vessels.			Boats.			Tugs, Smacks.		Gill Nets.		Seines.		Skate of Gear 400 fath-1 skate		Hand Lines.		Freezers and Ice-houses.				Whaling Stations		Piers and Wharves.			
	Value.	Men.	Sail.	Value.	Men.	Number.	Value.	Men.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.			Value.	Number.	Value.	Number.		
1 Skeena River and Prince Rupert.	7	300	100000	50	850	90145	170038	105700	85	1391	168744	11	5750	.....	.....	.....	12	675000	5	612000	.....	.....	14	155000	1660	1
2 Rivers Inlet. ....	.....	.....	.....	.....	700	28000	82015	56000	49	750	95700	2	600	.....	.....	.....	7	400000	.....	.....	.....	8	68000	960	2	
3 Naas River. ....	.....	.....	.....	.....	240	24000	47710	19000	20	441	50000	4	1200	.....	.....	.....	4	195000	.....	.....	.....	6	39000	350	3	
4 North Coast. ....	.....	.....	.....	.....	339	17900	57525	101500	65	373	46525	42	14900	.....	.....	.....	9	285000	.....	.....	.....	11	75000	580	4	
5 Queen Charlotte Islands.	7	350	250000	53	55	4750	12211	40800	33	44	530021	9600	528	10560	1000	1000	2	80000	2	120000	2	240000	8	140000	400	5
Totals.	14	650	350000	103	2184	164795	369499	323000	252	2999	364269	80	32050	528	10560	1000	34	1635000	7	732000	2	240000	47	477000	3950	

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the District No. 2, Province of British Columbia, during the Year 1912-13.

Fishing Districts.	Salmon, * cwt.	Salmon, value.	Cod, cwt.	Cod, value.	Herring, cwt.	Herring, value.	Hallbut, cwt.	Hallbut, value.	Trout, cwt.	Trout, value.	Oulachans, cwt.	Oulachans, val.	Mixed Fish, cwt.	Mixed Fish, val.	Whales, number.	Whales, value.	Numbers.
1 Skeena River and Prince Rupert	232901	349351	1600	8000	139310	139310	22741	159187	50	500	2000	10000	90	450	526	157800	1
2 River-Inlet	116090	174135	.....	.....	75	75	40	280	61	60	4500	22500	18	90	.....	.....	2
3 Naas River	63645	95467	.....	.....	114	114	1000	7000	7	70	6800	34000	65	325	.....	.....	3
4 North Coast	139264	208896	.....	.....	20008	20008	1298	9086	8	80	500	2500	75	375	.....	.....	4
5 Queen Charlotte Islands.	37747	56620	.....	.....	7280	7280	4000	28000	10	100	.....	.....	450	2250	526	157800	5
Totals	589647	884469	1600	8000	166787	166787	29079	203553	81	810	13800	63000	698	3490	526	157800	

Cwt. = 100 lbs.

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for District No. 2, Province of British Columbia, during the Year 1912-13.

Fishing Districts.	Salmon, fresh and frozen, cwts.	Salmon, canned, cases.	Salmon, salted, cwts.	Salmon, mild cured, cwts.	Salmon, smoked, cwts.	Cod, fresh, cwts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Herring, pickled, brls.	Herring, used as bait, brls.	Halibut, fresh, cwts.	Trout, fresh, cwts.	Oulachans, fresh, cwts.	Mixed fish, fresh, cwts.	Hair seal skins, number.	Fish oil, gals.	Whale oil, gals.	Number.
1 Skeena River and Prince Rupert	5999	254,258	44	8644	433	1600	1300	1500	18070	40400	22741	50	2000	90	375	1400	.....	1
2 Rivers Inlet ..	.....	137,697	.....	.....	250	.....	.....	.....	25	.....	40	6	4500	18	350	800	.....	2
3 Naas River ..	1200	71,162	.....	1020	700	.....	15	12	25	.....	1000	7	6800	65	400	16500	.....	3
4 North Coast ..	102	163,585	.....	357	725	.....	.....	.....	.....	10004	1298	8	500	75	800	1000	.....	4
5 Queen Charlotte Islands ..	.....	38,666	3788	119	1200	.....	6000	40	400	.....	4000	10	...	450	350	35000	484840	5
Totals	7301	663,368	3832	10140	3308	1600	7315	1552	18320	50404	29079	81	13800	698	2275	54700	484840	
Rates	5	6.50	5	10	10	5	1	10	2.50	1	7	10	5	5	.25	.35	.32	
Values	36505	4311892	19160	101400	33080	8000	7315	15520	46300	59404	203553	810	69000	3490	569	19145	155148	
Total value																		\$5,081,291

Cwts. = 100 lbs.

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for District No. 2, Province of British Columbia, during the year 1912-13.

Kinds of fish.	Caught and Landed in a Green State.		Marketed.		Total marketed value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon..... Cwts.	589,647	884,469			
" used fresh and frozen			7,301	36,505	
" canned..... Cases.			663,368	4,311,892	
" salted..... Cwts.			3,832	19,160	
" mild cured..... "			10,140	101,400	
" smoked..... "			3,308	33,080	
					4,502,037
Cod..... Cwts.	1,600	8,000			
" used fresh..... "			1,600		8,000
Herring..... "	166,787	166,787			
" used fresh..... "			7,315	7,315	
" smoked..... "			1,552	15,520	
" pickled..... Brls.			18,520	46,300	
" used as bait..... "			50,404	50,404	
					119,539
Halibut..... Cwts.	29,079	203,553	29,079		203,553
Trout..... "	81	810	81		810
Oulachans..... "	13,800	69,000	13,800		69,000
Mixed Fish..... "	698	3,490	698		3,490
Hair seal skins..... No.			2,275		569
Fish oil..... Gals.			54,700		19,145
Whale oil..... "			484,840		155,148
Whales..... No.	526	157,800			
Totals.....		1,493,909			5,081,291

RECAPITULATION

Of the Number of Fishermen, &c., and of the Number and Value of Fishing Vessels, Boats, Nets, &c., in **District No. 2**, Province of **British Columbia**, for the year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage 650).....	14	360,000
Boats (sail).....	2,184	164,795
Tugs, Smacks, etc.....	99	323,000
Gill Nets.....	2,999	364,269
Seines.....	80	32,052
Skates of Gear (400 fath=1 Skate).....	528	10,560
Hand Lines.....	1,000	1,000
Salmon Canneries.....	34	1,635,000
Freezers and Ice-houses.....	7	732,000
Whaling Stations.....	2	240,000
Piers and Wharfs.....	47	477,000
Totals.....		4,339,676

Number of men employed on Vessels and Tugs.....	355
" " Boats.....	3,694
" persons employed in Fish-houses, Freezers, Canneries, &c.....	3,950
Total	7,999

SESSIONAL PAPER No. 22

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Boats, and the Quantity and Value of Fishing Gear, &c., used in the Fishing Industry in the County of **District No. 3, Province of British Columbia**, during the year 1912-13.

Fishing Districts.	Fishing Vessels, Boats Tugs, etc.										Fishing Gear.						
	Vessels.				Boats.				Tugs, Smacks, etc.		Gill Nets.		Seines.		Trap Nets.		
	Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.
1 Nanaimo.....	2	58	6500	8	.....	.....	41	32800	475	.....	.....	34	1700	29	20300	.....	.....
2 Victoria-Cowichan.....	11	300	425000	120	9	800	43	34400	210	3	27200	15	.....	23	3900	5	55000
3 Alberni.....	2	170	80000	25	10	950	7	5900	130	.....	.....	.....	17	1700	19	15200	.....
4 Clayoquot.....	1	80	45000	12	8	750	4	3200	75	.....	.....	.....	3	300	7	5600	.....
5 Quatsino.....	.....	.....	.....	.....	5	450	3	2100	55	.....	.....	.....	4	400	19	15200	.....
6 Alert Bay.....	.....	.....	.....	.....	6	540	7	10500	175	.....	.....	.....	50	5000	29	23200	.....
7 Quathlaski.....	.....	.....	.....	.....	7	650	3	2400	70	.....	.....	.....	9	900	10	8000	.....
8 Comox.....	.....	.....	.....	.....	4	360	2	1600	25	.....	.....	.....	12	1200	4	600	.....
9 Pender Harbor.....	.....	.....	.....	.....	15	1350	14	8000	200	.....	.....	.....	125	11250	10	8000	.....
Totals.....	16	608	556500	165	64	5850	124	100900	1415	3	27200	15	26350	150	112200	5	55000

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry in the County of District No. 3, Province of British Columbia, during the year 1912-13—*Concluded.*

Number.	Fishing Districts.	Canneries.						Other Material.				Persons employed in Canneries, Freezers and Fish-houses.		
		Hand Lines		Salmon Canneries.		Clam Canneries.		Freezers and Ice-houses.		Smoke and Fish-Houses.			Whaling Stations.	
		Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		Number.	Value.
1	Nanaimo.	20	80	.....	.....	1	5000	.....	.....	32	32000	.....	.....	400
2	Victoria-Cowichan.	30	135	2	75000	1	3000	2	125000	1	3000	.....	.....	375
3	Alberni.	25	100	1	27000	.....	.....	1	100000	1	2800	1	130000	150
4	Clayoquot.	20	80	.....	25000	.....	.....	.....	.....	1	2300	.....	.....	30
5	Quatsino.	15	60	1	22500	.....	.....	.....	.....	.....	.....	.....	.....	26
6	Alert Bay.	35	140	4	90000	.....	.....	.....	.....	1	2500	.....	.....	250
7	Quathlaski.	20	80	1	20000	.....	.....	.....	.....	.....	.....	.....	.....	20
8	Comox.	10	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
9	Pender Harbor	30	120	1	22500	.....	.....	.....	.....	3	3000	.....	.....	40
	Totals	205	835	11	282000	2	8000	3	225000	39	45600	2	260000	1291

SESSIONAL PAPER No. 22

RETURN showing the Quantities and Values of all Fish caught and landed in a Green state in the County of District No. 3, Province of British Columbia, during the Year 1912-13.

Fishing Districts.	Salmon, * cwt.	Salmon, value.	Cod, cwt.	Cod, value.	Herring, cwt.	Herring, value.	Hallbut, cwt.	Hallbut, value.	Flounders, cwt.	Flounders, value.	Smelts, cwt.	Smelts, value.	Trout, cwt.	Trout, value.	Oulachans, cwt.	Oulachans, value.	Mixed Fish, cwt.	Mixed Fish, value.	Clams, brls.	Clams, value.	Whales, number.	Whales, value.	Number.
1 Nanaimo.....	15860	95760	3900	19500	408035	468035	450	2250	85	425	890	7120	10	100	125	625	2300	11500	5365	10730	.....	.....	1
2 Cowichan.....	43000	258000	4790	23950	1100	1100	2420	12100	600	3000	890	7120	25	250	125	625	2500	12500	3050	6100	.....	.....	2
3 Alberni.....	67610	405660	220	1100	18300	18300	600	3000	75	375	.....	.....	15	150	.....	.....	750	3750	70	140	284	85200	3
4 Clayoquot.....	7720	46320	280	1400	10800	10800	4000	20000	65	325	.....	.....	10	100	.....	.....	1000	5000	75	150	.....	.....	4
5 Quatsino.....	16905	101430	250	1250	10600	10600	4500	22500	80	400	.....	.....	10	100	.....	.....	500	2500	75	150	297	89100	5
6 Alert Bay.....	35955	215700	260	1300	275	275	450	2250	75	375	35	280	10	100	.....	.....	800	4000	45	90	.....	.....	6
7 Quathaskan.....	16600	99600	270	1350	250	250	220	1100	80	400	124	992	25	250	.....	.....	450	2250	55	110	.....	.....	7
8 Comox.....	1545	9270	360	1800	300	300	150	750	70	350	24	192	30	300	.....	.....	500	2500	45	90	.....	.....	8
9 Pender Harbour.....	16120	96720	900	9500	6300	6300	140	700	75	375	340	2720	40	400	70	350	1300	6500	85	170	.....	.....	9
Totals.....	221410	1328160	12230	61150	515980	515980	12930	64650	1205	6025	1413	11804	175	1750	195	975	10100	50500	8865	17730	581	174300	

* Cwt. = 100 lbs.

THE CATCH MARKETED

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c. state, for the District No. 3, Province of British Columbia, during the Year 1912-13.

Numbers.	Fishing Districts.	Salmon, fresh and frozen, cwts.	Salmon, canned, cases.	Salmon, salted, cwts.	Salmon, mild cured, cwts.	Salmon, smoked, cwts.	Cod, fresh, cwts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Herring, dry salted, cwts.	Herring, used as bait, brls.	Halibut, fresh, cwts.	Flounders, fresh, cwts.	Smelts, fresh, cwts.	Trout, fresh, cwts.	Numbers.
1	Nanaimo.....	6500	.....	7500	.....	50	3900	250	75	273750	1140	450	85	.....	10	1
2	Cowichan.....	9100	25500	4060	4900	75	4790	340	25	.....	350	2420	600	890	25	2
3	Alberni.....	400	80590	.....	.....	40	220	150	30	10600	.....	600	75	.....	15	3
4	Clayoquot.....	450	8000	.....	.....	50	280	260	40	6045	.....	4000	65	.....	10	4
5	Quatsino.....	100	20125	.....	.....	45	250	275	50	6000	.....	4500	80	.....	5	5
6	Alert Bay.....	1400	41017	.....	.....	50	260	165	25	.....	.....	450	75	35	10	6
7	Quathiaska.....	420	19189	.....	.....	45	270	150	20	.....	.....	220	80	124	25	7
8	Comox.....	1500	.....	.....	.....	25	360	200	30	.....	.....	150	70	24	30	8
9	Pender Harbour.....	300	18647	.....	.....	125	1900	800	400	3000	.....	140	75	340	40	9
	Totals.....	20170	213068	11500	4900	505	12230	2550	695	299395	1490	12930	1205	1413	175	
	Rates.....	9	7 50	9	9	9	5	1	12	1 50	2	12	5	10	10	
	Values.....	181530	1598010	103500	44100	4545	61150	2550	8340	449093	2980	155160	6025	14130	1750	

SESSIONAL PAPER No. 22

THE CATCH MARKETING

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the District No. 3, Province of British Columbia, during the Year 1912-13—*Concluded*.

Fishing Districts.	Numbers.										Numbers.									
	1	2	3	4	5	6	7	8	9		1	2	3	4	5	6	7	8	9	
	Nanaimo.....																			Whale Oil, gals.
	Cowichan	125																		Fish Oil, gals.
	Alberni.....																			Whale Fertilizer, tons.
	Clayoquot																			Whale Bone Meal, tons.
	Quatsino.....																			Fur Seal Skins, number.
	Alert Bay.....																			Other Shell Fish, fresh, cwt.
	Quathlashtka.....																			Clams & Quahaugs, canned, cases.
	Comox.....																			Clams & Quahaugs, fresh, bbls.
	Pender Harbor.....	70																		Oysters, fresh, bbls.
	Totals.....	195																		Squid, used as bait, bbls.
	Rates.....	10																		Mixed Fish, fresh, cwt.
	Values.....	1950																		Onluchans, fresh, cwt.
Total value.....																				

\$3,110,877

*Cwt. = 100 lbs.

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for District No. 3, Province of British Columbia, during the year 1912-13.

Kinds of Fish.	Caught and Landed in a Green State.		Marketed.		Total marketed value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon.....	cwts.	221,410	1,328,460		
" used fresh and frozen.....	cwts.		20,170	181,530	
" canned.....	cases.		213,068	1,598,010	
" salted.....	cwts.		11,500	103,500	
" mild cured.....	"		4,900	44,100	
" smoked.....	"		505	4,545	
					1,931,685
Cod.....	"	12,230	61,150		
" used fresh.....	"		12,230		
					61,150
Herring.....	"	515,980	515,980		
" used fresh.....	"		2,550	2,550	
" smoked.....	"		695	8,340	
" dry salted.....	"		299,395	449,093	
" used as bait.....	brls.		1,490	2,980	
					462,963
Halibut.....	cwts.	12,930	64,650	12,930	155,160
Flounders.....	"	1,205	6,025	1,205	6,025
Smelts.....	"	1,413	11,304	1,413	14,130
Trout.....	"	175	1,750	175	1,750
Oulachans.....	"	195	975	195	1,950
Mixed fish.....	"	10,100	50,500	10,100	50,500
Clams and Quabaugs.....	brls.	8,865	17,730		
" used fresh.....			910	1,820	
" canned.....	cases.		7,955	31,820	
Fur seal skins.....	No.		205		33,640
Whale-bone meal.....	"		656		6,150
Whale fertilizer.....	"		1,484		15,744
Fish oil.....	gals.		11,850		56,392
Whale oil.....	"		884,256		4,148
Whales.....	No.	583	174,300		309,490
		2,232,824			3,110,877

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Number of Fishermen, etc., and of the Number and Value of Fishing Vessels, Boats, Nets, &c., in **District No. 3**, Province of **British Columbia**, for the Year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage 608).....	16	556,500
Boats (sail).....	64	5,850
" (gasoline).....	124	100,900
Tugs, Smacks, &c.....	3	27,200
Gill nets.....	293	26,350
Seines.....	150	112,200
Salmon traps.....	5	55,000
Hand lines.....	205	835
Salmon canneries.....	11	282,000
Clam ".....	2	8,000
Freezers and ice-houses.....	3	225,000
Smoke and fish-houses.....	39	45,600
Whaling stations.....	2	260,000
Total.....		1,705,435

Number of men employed on vessels and tugs.....	180
" " " boats.....	1,415
" persons employed in fish-houses, freezers, canneries, &c.....	1,291
Total.....	2,886

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the **Whole Province of British Columbia**, during the Year 1912-13.

Kinds of Fish.	Caught and landed in a green state.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon.....	cwts.	1,221,057	3,647,920		
" used fresh	"		84,441	930,160	
" canned	cases.		1,050,357	6,996,908	
" salted	cwts.		134,000	1,309,555	
" mild cured.....	"		51,042	258,030	
" smoked.....	"		5,019	55,715	
					9,540,368
Cod.....	"	28,580	150,275		
" used fresh	"		26,948	200,330	
" shipped green-salted.....	"		211	2,637	
" dried.....	"		376	5,640	
					208,607
Oysters.....	brls.	2,781	11,282		11,282
Herring.....	cwts.	729,567	823,167		
" used fresh.....	"		42,708	338,295	
" smoked.....	"			8,856	122,995
" dry salted.....	"		299,395	449,093	
" pickled.....	brls.		18,765	53,650	
" used as bait	"		51,894	53,384	
					1,017,417
Octopus	cwts.	245	1,715	245	3,675
Whiting.....	"	500	1,750	500	5,000
Perch.....	"	1,306	7,836	1,306	13,060
Halibut.....	"	253,283	953,159	253,283	2,461,208
Flounders.....	"	2,155	9,825	2,155	13,625
Smelts.....	"	3,277	20,624	3,277	42,090
Trout.....	"	2,761	27,615	2,761	40,142
Oulachans.....	"	14,795	73,175	14,795	78,950
Sturgeon.....	"	5,051	35,357	5,051	75,765
Soles.....	"	3,520	17,600	3,520	35,200
Skate.....	"	898	2,694	898	7,184
Shrimp.....	"	27	270	27	540
Mixed fish.....	"	10,798	53,990	10,798	53,990
Clams and Quahaugs.....	brls.	11,577	23,154		
" " used fresh.....	"		3,622	15,330	
" " canned.....	cases.		7,955	31,820	
					47,200
Crabs, Cockles and other shell fish.....	cwts.	20,252	81,008	20,252	202,520
Salmon roe.....	"			2,000	10,000
Whale fertilizer	"			1,484	56,392
Fur seal skins.....	No.			205	6,150
Hair seal skins.....	"			2,275	569
Guano.....	tons.			150	5,097
Fish oil.....	gals.			85,826	29,075
Whale oil.....	"			1,369,096	464,638
Whales.....	No.	1,107	332,100		
Whale bone meal.....	cwts.			656	15,744
Totals.....			6,857,213		14,455,488

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Number of Fishermen, &c., and of the Number and Value of Fishing Vessels, Boats, Nets, &c., in the whole province of **British Columbia**, during the year 1912-13.

	Number	Value.
		\$
Vessels (tonnage 2,954).....	38	1,359,500
Boats (sail).....	2,468	189,345
" (gasoline).....	1,334	705,900
Tugs, Smacks, &c.....	143	432,200
Gill Nets.....	4,740	571,619
Seines.....	235	145,502
Salmon Traps.....	7	71,000
Smelt Nets.....	57	2,850
Trawls.....	550	27,500
Hand Lines.....	1,580	2,773
Oil Factories.....	1	35,000
Whaling Stations.....	4	500,000
Salmon Canneries.....	60	2,517,000
Clam "	2	8,000
Freezers and Ice-houses.....	15	1,377,000
Smoke and Fish-houses.....	46	325,600
Piers and Wharfs.....	85	1,659,700
Skates of Gear (400 fathoms = 1 skate).....	528	10,560
Totals.....		9,941,049

Number of men employed on Vessels and Tugs.....	778
" " " Boats.....	7,969
" persons employed in Fish-houses, Freezers, Canneries, &c.....	6,881
Totals.....	15,628

APPENDIX No. 12.

Imports and Exports of Fish

IMPORTS.

STATEMENT showing the Quantities of the Chief Commercial Fish and Fish Products Imported into Canada, for Home Consumption, during the fiscal year 1912-13.

(From Report of Customs Department.)

Cod, Haddock, Hake and Pollock (fresh)	cwts.	1,955
" " (dried)	"	8,176
" " (smoked)	"	19
" " (green salted)	"	2
" " (pickled)	"	7
Halibut, (fresh)	"	33,703
Herring, (fresh)	"	132
" (pickled)	"	21,961
" (smoked)	"	22
Mackerel, (fresh)	"	359
" (pickled)	"	1,454
Salmon, (fresh)	"	3,238
" (smoked)	"	99
" (canned)	"	5,507
" (pickled)	"	73
Bait fish	"	1,021
Lobsters, (fresh)	"	281
" (canned)	"	19
Oysters, (fresh, in shell)	brls.	5,990
" (shelled, in bulk)	gals.	259,793
" (canned, one pint and under)	cans.	531,682
" " (one quart and under)	"	10,360
" " (over one quart)	quarts.	2,268
" (preserved)	cwts.	506
Fish oil, cod	gals.	40,532
Seal oil	"	1,213
Whale oil	"	2,946
Other oil	"	48,831

The value of the imports of fish and fish products for the year 1912-13 amounted to \$1,682,901.

EXPORTS.

STATEMENT showing the Quantities of the Chief Commercial Fish and Fish Products (the Produce of Canada) Exported during the fiscal year 1912-13.
—From Report of Customs Department.

TO	Cod, including Haddock, Hake and Pollock.			Herring.			Mackerel.		Lobsters.	
	Fresh.	Dry.	Green salted.	Pickled.	Fresh.	Pickled.	Smoked.	Canned.	Fresh.	Canned.
	cwts.	cwts.	cwts.	cwts.	cwts.	brls.	cwts.	cwts.	brls.	cwts. lbs.
United Kingdom	3073	21,158	.....	1,193	100	209	291	.....	.....	162 2,824,087
United States.....	20	128,582	10,864	288	271,699	.....	14,076	344	9,210	39,178 2,415,505
B. W. Indies.....	148,248	98	258	118	.....	15,577	.....	3,724	4,204
Bermuda	2,863	.....	.....	.....	187	252	3	37	456
B. Guiana.....	24,640	.....	.....	15	1,843	924	.....	224	3,538
B. Honduras	451	.....	.....	.....	.....	.....	.....	.....	.....
B. Malta	560	.....	.....	.....	.....	.....	.....	.....	.....
B. Newfoundland.....	11,662	.....	.....	3,789	37	499	.....	5	5,904
Austria-Hungary	448	.....	.....	.....	.....	.....	.....	.....	.....
Brazil.....	118,858	.....	.....	.....	.....	.....	.....	.....	.....
Costa Rica.....	4,431	.....	.....	.....	31	10	.....	105	.....
Cuba	62,789	.....	.....	.....	145	347	.....	6	.....
Danish West Indies.....	1,889	.....	.....	.....	22	126	.....	7	5,607
Dutch Guiana.....	7,811	.....	.....	.....	.....	.....	.....	1	.....
Egypt and Soudan.....	210	.....	.....	.....	.....	.....	.....	.....	.....
French West Indies.....	201	.....	.....	.....	10	12	.....	.....	.....
Guatemala.....	370	.....	.....	.....	.....	.....	.....	.....	.....
Hawaii.....	2,025	.....	.....	.....	.....	.....	.....	.....	.....
Haiti.....	2,680	.....	.....	.....	.....	.....	.....	.....	.....
Italy.....	36,735	.....	.....	.....	.....	.....	.....	.....	.....
Miquelon and St. Pierre.....	1	32	.....	.....	.....
Nicaragua.....	37	.....	.....	.....	.....	.....	.....	.....	.....
Panama.....	18,884	.....	.....	.....	90	257	.....	493	.....
Porto Rico.....	90,386	.....	.....	.....	2,584	.....	.....	3	.....
Portugal.....	7,313	.....	.....	.....	.....	.....	.....	.....	.....
San Domingo.....	6,078	.....	.....	.....	.....	.....	.....	.....	.....
Spain.....	2,544	.....	.....	.....	.....	.....	.....	.....	.....
United States of Colombia.....	3,302	.....	.....	.....	30	21	.....	52	.....

SESSIONAL PAPER No. 22

[illegible]

APPENDIX NO. 13.

STATEMENT of Number of Prosecutions, &c., for offences against the Fisheries Act.

Locality.	Number of prosecutions	Nature of Offences.	Amount of penalty credited to Receiver General.	Amount received from sale of confiscated fish and gear.	Total amount credited to Receiver General.	Remarks
<i>Nova Scotia.</i>						
District No. 1.....	10	7 cases having barred lobsters in possession; 1 case selling barred lobsters; 2 cases of pollution of stream by sawdust.	\$ cts. 115 00	\$ cts.	\$ cts. 115 00	Motives of fines paid to complainants.
District No. 2.....	31	1 case pollution of stream by sawdust; 2 cases having barred lobsters in possession; 13 cases illegal lobster fishing; 15 cases illegal salmon fishing.	302 50	65 24	367 74	In 3 cases the fines were not paid and defendants went to jail.
District No. 3.....	9	6 cases illegal salmon fishing; 1 case having barred lobsters in possession; 1 case packing barred lobsters; 1 case American vessel procuring supplies without a license.	143 75	18 15	161 90	Half of fines paid to complainants.
<i>New Brunswick.</i>						
District No. 1.....	10	1 case of having undersized lobsters in possession; 9 cases contravention of Fisheries Act.	73 50	87 31	160 81	3 sales of confiscated fish.
District No. 2.....	15	Contravention of Fisheries Act.	119 50	48 00	167 50	
District No. 3.....	2	Illegal salmon fishing.	15 00	7 00	22 00	
<i>Prince Edward Island.</i>						
	4	3 cases of having oysters in possession during close season; 1 case of illegal trout fishing.	27 50	.....	27 50	Motives of fines paid to complainants.

SESSIONAL PAPER No. 22

<i>Quebec.</i>								
Gulf Division	12	3	2 cases of packing lobsters illegally; 1 case illegal fishing.	25 00	2137 50	2,162 50	Sale of confiscated cases of lobsters,	
Inland Division	33		8 cases having undersized fish in possession; 6 cases of pollution of streams by mill refuse; 18 cases of illegal fishing; 1 case of using dynamite in fishing.	254 00	.....	254 00	
<i>Ontario.</i>		3	1 case pollution of stream by mill refuse; 1 case attempting to export Black Bass; 1 case using dynamite in fishing.	141 30	463 84	605 14		
<i>Manitoba.</i>	12	8	8 cases fishing in prohibited waters; 3 cases illegal fishing; 1 case having picketed in possession out of season.	82 50	437 50	520 00	Sales of confiscated fish amounted to \$437.50.	
<i>Saskatchewan.</i>	23	2	2 cases of fishing without licenses; 20 cases of fishing in close season; 1 case of obstructing a stream.	93 00	236 00	329 00	Motion of fines paid complainants.	
<i>Alberta.</i>	31	3	3 cases having undersized fish in possession; 16 cases of fishing without a license; 6 cases of spearing in close season; 8 cases of spearing fish; 2 cases of catching more fish than allowed by law.	77 00	.....	77 00	
<i>British Columbia.</i>		277	60 cases of fishing during weekly close time; 165 cases of obstructing channel with nets; 4 cases of having nets too small mesh; 22 cases of using nets too long; 1 case of pollution of stream; 7 cases fishing in closed waters; 12 cases of having illegally caught fish in possession; 2 cases of fishing without a license; 4 cases of illegal fishing.	1,423 75	229 40	1,553 15	6 cases dismissed from lack of evidence and 7 cases dismissed with a warning.	
District No. 2.	24	6	6 cases of fishing in prohibited waters; 17 cases of fishing in close time; 1 case of illegal fishing.	309 50	36 00	345 50		
District No. 3.	24	19	19 cases of fishing without a license; 3 cases of fishing in close time; 1 case fishing in prohibited waters; 1 case of having illegally caught fish in possession.	170 00	.....	170 00	
Totals.	511			3,272 80	3,765 94	7,038 74		

APPENDIX No. 14.

FISHERIES PATROL SERVICE

The following reports on the work of the vessels comprising the Fisheries Patrol fleet during the year 1912-13 are submitted by the Inspectors whose districts the boats respectively serve:—

REPORT ON THE WORK OF PATROL BOAT No. 1, IN DISTRICT No 2,
NOVA SCOTIA.

Pictou, N.S., 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—During the months of June and July, in the year 1912, this boat was employed in collecting lobster ova from the factories in Antigonish county and conveying them to the hatchway at Tracadie.

After the commencement of the close season the coast waters of Antigonish, Pictou, Colchester and Cumberland, on the Strait of Northumberland, were patrolled and many miles gone over with the grappling-iron to take lobster gear illegally set. On September 3, between Northport and Wallace, ten lobster traps were confiscated; September 5, between Pugwash and Northport, picked up fifty traps.

September 11, found a long line, but no traps.

September 13, between Pugwash and Tidnish, took four lines and 250 lobster traps.

October 18, in Bay de Verte, took a quantity of traps and cordage.

Searching for traps and gear is about the only work the boat is suitable for, being a steamboat, and the speed under most favourable circumstances not more than five and one-half miles per hour.

Many of the fishermen's boats have gasoline engines and can go from nine to ten miles per hour, and if they are detected violating the law can easily escape.

In November the boat went out of commission.

I am, sir,

Your obedient servant,

R. HOCKIN,

Inspector of Fisheries.

SESSIONAL PAPER No. 22

REPORT OF THE WORK OF PATROL BOAT 'DAVIES,' IN DISTRICT No. 2,
NOVA SCOTIA.

Pictou, N.S., 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—The coast waters patrolled by this boat are chiefly in Inspectoral District No. 1, but the coast waters of Guysboro county, in District No. 2, is included in the service, and from August 8 to August 16 the coast waters from Canso to Whitehead were patrolled; again from August 26 to August 28 the same district was gone over. From September 11 to September 24 patrol work was done from Canso to Ecum Secum.

From October 11 to the 21st day of the same month she patrolled from Canso to Sonora.

The fact that the boat may appear at any time or place on the division has the effect of preventing violations of law.

On none of the above occasions was any lobster gear observed, although at Dover, where some reports of illegal fishing were observed, yet after diligent searching and use of the grappling-iron, none were found.

I am, sir,

Your obedient servant,

R. HOCKIN,
Inspector of Fisheries.

REPORT ON WORK OF PATROL BOATS 'A' AND 'B.'

SHELburne, N.S., 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—The following is a brief description of the work of the patrol boats 'A' and 'B,' for the year 1912-13.

Patrol boat 'A,' Capt. Hadley Blackford, went into commission the 1st of September, being placed on the bay shore of Digby county. This boat performed fairly satisfactory work in the protection of the close season lobster regulations, until the opening of the fishing season, January 6, after which she was laid up for the winter.

Patrol boat 'B,' Capt. John Bateman, went into commission the 1st of November, and was placed on the Shelburne County district, giving special attention to the prevention of illegal lobster fishing in the Clarke's Harbour and Seal Island district. This boat greatly assisted in the prevention of violations of the close season regulations, with the result that very little illegal fishing was done. She continued her patrol until the opening of the lobster season, December 15, when she was laid up for the winter.

These two boats were the first of a series of five specially designed for the Fishery Patrol Service. They are 45 feet long, 12 feet beam, 4½ feet draft. They are propelled by double gasoline engines of 20 horse-power each, and can develop 12 knots an hour. They each carry a complement of four men.

I am, sir

Your obedient servant,

WARD FISHER,
Inspector of Fisheries.

4 GEORGE V., A. 1914

REPORT ON WORK OF PATROL BOATS 'RICHMOND' AND 'J. L. NELSON.'

CHARLOTTETOWN, P.E.I., 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—Guardian Peter J. Cameron, who is in charge of the motor boat *Richmond*, reports that on May 20, 1912, he entered on the duties assigned to him of protecting the oyster beds of Grand river and Richmond bay, and gave particular attention to keeping quahaug fishermen within the boundaries marked for them, and keeping strict watch that no one interfered with the oyster beds during the quahaug season; also visited lobster canneries in the district during the lobster season, and to see that fishermen or packers were not taking spawn lobsters. He states that during his several visits to the canneries in Richmond bay, that he found no spawn lobsters, after the close of the lobster season, on July 10. He devoted his time during the latter part of July and August in watching for illegal lobster fishing, when he found and destroyed a quantity of traps and lines.

The quahaug season opened on the 1st of September, and he took up the work of keeping the quahaug fishermen within the boundaries laid out for them. From the opening of the oyster season on the 1st of October until the close of navigation, he devoted his time in protecting the oyster beds from being robbed of small oysters.

In some parts of Richmond bay he found star fish quite plentiful, and oysters on many beds destroyed by them.

THE PATROL BOAT 'NELSON.'

Captain Wrayton patrolled the coast from Miminigash to Egmont bay, and northward, after the close of the late lobster season, making Miminigash his headquarters.

Good effective work was done, and many traps and lines were destroyed after the close of the season.

I am, sir,

Your obedient servant,

J. A. MATHESON,

Inspector of Fisheries.

REPORT ON WORK OF PATROL BOAT No. 2.

CAMPOBELLO, 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—Owing to delay in repairs on this boat she did not go into commission until May 28. As usual Captain Mitchell maintained an effective patrol against violators from the American side, particularly those who were attempting to dynamite pollock. No. 2 also did good service in visiting different parts of the county of Charlotte during the close season and prevented lobster fishing being done. She also destroyed all traps found set during that period. Without the assistance of this boat the lobster regulations would be flagrantly violated. I went to the different parts of the district in her when the occasion called for my being there and she could be spared from her ordinary work.

I am deeply grieved to have to report the death of Captain Silas Mitchell, who commanded this boat. Captain Mitchell was in poor health during the latter part of the season, but stuck to his post until the boat was laid up in December. He passed away on April 27.

SESSIONAL PAPER No. 22

No. 2 has practically outlived her usefulness. She is too slow and is becoming unseaworthy. No doubt the new boat now being built in her place will be a great improvement over the old one.

She was hauled up at Harbour de Loutre, Campobello, on December 17, where she remained until this spring.

I am, sir,

Your obedient servant,

J. F. CALDER,

Inspector of Fisheries.

REPORT ON WORK OF PATROL BOAT 'HUDSON.'

MONCTON, N.B., 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I beg to make the following report on work done by the patrol boat *Hudson*.

Went into commission on June 25, proceeded from Pictou to Cape Tormentine as instructed and assisted in gathering lobster spawn from the different factories along the coast and delivering it to the Shemogue hatchery until July 16, when she went to Shippigan to prevent illegal lobster fishing. Cruised around Caraquette, Shippigan and Miscou islands until August 5, when she went to Shediac. Ordered back to Richibucto on August 14, she remained there under Overseer W. F. Hannah's direction until August 16, when she went to Cape Tormentine. Cruised in vicinity of Shediac, Cape Bauld, Shemogue, Cape Tormentine, Cape Spear and Upper Cape until November 22, when she went to Pictou, to go into winter quarters.

I am, sir,

Your obedient servant,

R. A. CHAPMAN,

Inspector of Fisheries.

REPORT ON WORK OF PATROL BOAT 'C. E. TANNER.'

MAGDALEN ISLANDS, 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to send you, according to instructions from Commander Wm. Wakeham, a statement of movements of patrol boat *C. E. Tanner*, and work done during season of 1912.

On June 4, 1912, having received instructions from the Department of Marine and Fisheries to take charge of *C. E. Tanner*, and report to Mr. Chas. Leslie, officer in charge of House Harbour hatchery, I accordingly, on the 5th of June, boarded the *C. E. Tanner* and reported to this officer, and following his instructions, proceeded immediately to carry the lobster spawn from Grand Entry and Amherst island to the House Harbour hatchery, going alternately, one day to Grand Entry, next to Amherst, which work was carried on until July 11, being afterwards employed in distributing the matured spawn in the different lagoons, ending our work in connection with the hatchery on the 30th day of July, 1912.

4 GEORGE V., A. 1914

On the 31st day of July, 1912, we commenced our patrol in connection with the Fishery Protection Service, patrolling the lagoons of Grand Entry, House harbour and Havre au Basque, until October 16, 1912, during which time we smashed or destroyed 1,549 lobster traps, seized about 4,000 fathoms of rope and two boats engaged in illegal fishing in the lagoons, all of which were sold at auction after due notice was given.

According to instructions the proceeds were duly sent to the Department of Marine and Fisheries. On October 17, we were directed by Commander Wakeham to hold *C. E. Tanner* ready for Pictou. On the 18th we were taken in tow by SS. cruiser *Princess*, and arrived at Pictou on the morning of October 19, and according to instructions immediately left *C. E. Tanner* in charge of W. H. Noonan, agent, Department of Marine and Fisheries.

I am, sir,

Your obedient servant,

CAPTAIN WM. S. ARSENAULT,

Fishery Officer.

REPORT ON WORK OF PATROL BOAT 'LADY OF THE LAKE.'

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to report with respect to the patrol boat *Lady of the Lake*, for the fiscal year ended March 31, 1912.

The *Lady of the Lake* was employed on the waters of Lake Winnipeg, including all rivers flowing into, and out of, it.

Capt. Forrest was instructed through this office to have necessary repairs and painting done. This work commenced on the Marine railway, on April 13, and was finished May 27. From the latter date she was employed protecting the fisheries in Lake Winnipeg, until the fall, when she assisted in collecting whitefish eggs, for Berens river, Gull harbour, and the Selkirk fish hatchery.

I am pleased to say that the steamer accomplished her work in a very satisfactory manner, considering that her hull was in a very poor condition, and that the season of 1912 was a very rough one.

During the season she covered over 6,500 miles, and went into winter quarters at Selkirk on November 23, 1912.

She was under orders from the writer, who was aboard throughout the season.

I am, sir,

Your obedient servant,

J. A. HOWELL,

Inspector of Fisheries.

NEW WESTMINSTER, B.C., 1913.

To the Superintendent of Fisheries,
Ottawa.

I beg to submit the following reports by the district Inspectors of fisheries on the work of the various patrol boats during the year 1912-13.

I am, sir,

Your obedient servant,

F. H. CUNNINGHAM,

Chief Inspector of Fisheries.

SESSIONAL PAPER No. 22

REPORT ON WORK OF PATROL BOATS OF DISTRICT No. 1.

NEW WESTMINSTER, 1913.

To H. F. CUNNINGHAM, Esq.,
Chief Inspector of Fisheries
For the Province of British Columbia.

SIR,—I beg to submit the report of the service performed by the fisheries patrol boats of this district for the year ended March 31, 1913, as follows:—

SS. 'GEORGIA.'

This boat was employed about three months during the first part of the season patrolling the lower Fraser river and Gulf of Georgia, enforcing the regulations. During this time she logged about 1,000 miles.

As you are aware, she was removed from the service on the 6th of July last, and has since been replaced by the new patrol launch *Foam*, a boat 45 ft. long, 10 ft. beam and 4 ft. draught, fitted out with a 25 horse-power Eastern standard engine. She has a speed of approximately ten miles per hour.

The gasoline launch *Bert White* was chartered for a few weeks to take the place of the *Georgia* during the time the fishing operations were at their height.

LAUNCH 'SWAN.'

This launch, under the charge of Officer Hembrough, was employed during the year patrolling the Fraser river and its various tributaries, including the following: Coquitlam, Pitt, Lillooet, Salmon, Chilliwack and Stave rivers, and Pitt lake, Sumas lake, Hatzic slough and Silver creek. She logged in all 8,020 miles, and found 181 cases of violations of the fishery law, principally fishing in the channel at the mouth of the Fraser river, Steveston, and fishing during the weekly close season. She also assisted in distributing the fry from the Fraser river hatchery.

LAUNCH 'SEMAHMO.'

This boat has been under the charge of Officer Wm. McLelland Moore, and has been engaged in patrolling the waters of Burrard inlet, English bay and Howe sound, enforcing the regulations, and has logged 5,160 miles.

LAUNCH 'ELK.'

This launch, under the charge of Officer Dauphinee, was employed during the year patrolling the waters of the North arm of the Fraser river, enforcing the regulations, and has travelled about 3,200 miles. One hundred and five cases of violations of the law were reported and dealt with, principally for fishing in the channel and during weekly close season. The *Elk* also assisted in distributing fry from the Fraser river hatchery.

SS. 'RESTLESS.'

Captain Moore's report of the services performed by this steamer for the year is hereto attached.

I am, sir,

Your obedient servant,

A. P. HALLADAY,

Assistant Inspector of Fisheries.

4 GEORGE V., A. 1914

F. H. CUNNINGHAM, Esq.,
Chief Inspector of Fisheries.

SIR,—In handing in my report of the services performed by the C. G. S. *Restless*, under my command during 1912, while engaged in the inner waters, I beg to say that I reported for duty at New Westminster on June 14, in connection with the salmon fisheries. Continued in this service, making a trip to Bellingham and Unacortes, U.S., until July 3, when we left New Westminster on an inspection visit to all the fishing stations on the coast. During this trip was accompanied by Superintendent of Fisheries Found, Chief Inspector Cunningham, Deputy Provincial Commissioner McIntyre, Inspector Taylor, and Inspector Williams, at different times and places.

On July 5, left Victoria, proceeding to the west coast, where we visited Alberni, Uchuckleisit, Sechart, Whaling station, Uchulet and Kennedy river, Clayoquot sound, returning to Victoria July 10, at midnight.

On the 11th left Victoria to continue the inspection of the inside stations on the north coast, and after taking coal at Nanaimo, proceeded visiting Quathiasca cove, Alert Bay, Smith's inlet, Rivers inlet, Bella Coola, Kimsquit, Bella Bella, Buteglen and Low inlet, arriving at Prince Rupert on the 21st, where the officials left the *Restless*, and continued their work on the C. G. S. *Falcon* and *Wm. Jolliffe*. After bunkering ship, left Prince Rupert on the 23rd for Union bay, where we arrived on the 26th, and awaited the arrival of the officials from the Queen Charlotte islands on the *Wm. Jolliffe* on the 28th, when we left for Vancouver, arriving at 4.30 p.m. Proceeded to New Westminster the following day, having completed a very satisfactory trip to all concerned.

Continued carrying on patrol duty and on August 5 took Superintendent Found, Chief Inspector Cunningham and friends to Blaine, U.S., returning *via* Nanaimo, where ship bunkered. During August was engaged on the Fraser river, making also two trips to Bargain bay, Malaspina straits.

September 3, took Mr. A. Robertson of the Harrison lake hatchery to the head of Jarvis inlet to learn if salmon eggs could be procured in quantities in that vicinity. Returned on the 5th and continued patrol duty until the close of the season, October 31.

During the season had occasion to report eleven boats for violations of the regulations, and their owners were brought before the Inspector and fined for the offences.

October 31, proceeded to Nanaimo, took on board Inspector Taylor and Provincial Officer F. DeGrey, and left on a trip to the head of Seymour inlet, calling at various fishing stations, going and coming. Experienced very severe weather on this trip, arriving back at New Westminster on November 13, where orders were received to proceed to Esquimalt, and outfit for the winter service.

During the period covered by the above report the *Restless* steamed 5,327 statute miles, and was under way 582 hours in the discharge of her duties.

I am, sir,

Your obedient servant,

CHAS. MOORE,

Comdg. C. G. S. Restless.

SESSIONAL PAPER No. 22

REPORT ON WORK OF PATROL BOATS OF DISTRICT No. 2.

VANCOUVER, B.C., 1913.

To the Chief Inspector Fisheries,

New Westminster, B.C.

SIR,—I have the honour to submit my annual report in connection with the services performed by the fisheries patrol boats under my control during the fiscal year just closed.

LAUNCH 'HAWK.'

During the season this launch was engaged patrolling the Skeena river, from April 1 to September 30.

Owing to the effective patrol few seizures were made and comparatively little illegal fishing was indulged in.

She travelled some 2,500 miles during the six months she was in commission.

She was under the supervision of Overseer Norrie.

LAUNCH 'MERLIN.'

During the season the gasoline launch *Merlin* was engaged in patrolling Rivers inlet, making occasional trips of inspection to Smith's inlet and Namu. She is under the control of Overseer Saugstad.

She travelled some 300 miles during the season. She was in commission from May 1 to October 1. Her work was most effective in preventing illegal fishing during the season, scarcely any infringements of the regulations being reported.

LAUNCH 'KA YEX.'

This launch patrols the waters around Prince Rupert and Skeena river. She is in commission during the whole year. She ran about 4,482 miles from February to November, when she was laid up for repairs. The wholesale infractions of the Fisheries Act of recent years have now become a thing of the past, only one conviction being secured last season. I attribute this to the steady patrol service rendered by the two launches *Ka Yex* and *Hawk*. The former launch travels when in good running order fully nine and a half miles an hour, which enables her to cover a large area of water during the weekly close season.

The department is making some needed repairs this spring which will materially assist the Engineer in his work, and be instrumental in keeping the launch continually on the move.

C. G. S. 'FALCON.'

This steamer was under my control from May 30 until October 9, and during that time logged 5,286 miles, making 197 calls at the different fisheries in the district. She patrols a coast line of some 1,100 miles. Her special work is the protection of the salmon and herring fisheries, in District No. 2, and to convey the Inspector of Fisheries to the outlying fisheries that require his supervision. During July she was used by the Superintendent of Fisheries and the Chief Inspector of Fisheries for visits of inspection around Rivers inlet, Skeena river and the Naas river.

Below I give the approximate distances travelled by the *Falcon* during each month and the number of calls made.

	Miles travelled. Calls made.	
May..	280	20
June..	1,436	48
July..	1,599	64
August..	935	49
September..	460	23
October..	576	11
	<hr/> 5,286	<hr/> 197

4 GEORGE V., A. 1914

LAUNCH 'LINNET.'

This launch patrols the Naas river and Portland inlet under the control of Overseer Adamson. She travelled about 3,000 miles during the season, and was in commission from April 1 to September 30. She is rather small for her work in the rough and dangerous waters of Portland canal. A larger and faster launch would be more effective in enforcing the regulations. For her size and speed she is a first-class little boat.

LAUNCH 'KINGFISHER.'

This launch patrols the waters of Burke channel and Dean channel, which include the Bella Coola and Kimsquit fisheries. She was in commission from about May 1 to September 30, and during that time travelled about 1,500 miles during the season. She is under the control of Overseer Widsten. The canvas cabin she has at present is being replaced by a wooden one, as it was found most unsatisfactory and dangerous in rough weather. She is otherwise a staunch little craft and well suited for her work, giving excellent service and satisfaction.

LAUNCH 'JOSEPHINE.'

Owing to the erection of two canneries in 1912 in the Queen Charlotte Islands division, a patrol boat for the protection of the salmon fisheries was absolutely necessary, and the department placed the launch *Josephine* under the control of Overseer Harrison for that purpose. He did his utmost to protect the fisheries and as the division is such a large one I consider he rendered most effectual service. During the past season he cruised regularly around all the rivers at the northern end of Graham island, and made two trips around the southern end and down as far as the head of Kumshewa inlet. He also erected flags to designate the fishing boundaries. The *Josephine* was under charter three months and twenty-one days, and the total distance she travelled approximated 3,770 miles.

I am, sir,

Your obedient servant,

JOHN T. C. WILLIAMS,

Inspector of Fisheries.

SESSIONAL PAPER No. 22

REPORT ON WORK OF PATROL BOAT 'ALCEDO'

NANAIMO, B.C., 1913.

To the Chief Inspector of Fisheries,
New Westminster, B.C.

SIR,—During the past year the *Alcedo* patrolled the waters between Vancouver island and the mainland, from the south end of the island to Queen Charlotte sound, and logged 8,035 miles.

The number fined for illegal fishing for the year was 23.

As the herring fisheries are more extensively exploited during the winter months, the *Alcedo* is in active service during the whole year. I also use her for inspecting the various fisheries in my district, on the east coast of Vancouver island and the mainland. Under instructions from the department, I placed her at the disposal of Mr. E. H. Fletcher, Post Office Inspector, to convey him to offices that could only be reached by boat. He visited the various points early in October.

I am, sir,

Your obedient servant,

EDWD. G. TAYLOR,

Inspector of Fisheries.

SESSIONAL PAPER No. 22

[illegible]

SESSIONAL PAPER No. 22

[illegible]

SESSIONAL PAPER No. 22

[illegible]

SESSIONAL PAPER No. 22

[illegible]

UNITED STATES Fishing Vessels to which Licenses were issued under the Act entitled "An Act respecting Fishing Vessels of the United States of America," during the Fiscal Year ended 31st of March, 1913.

Name of Vessel.	Port of Registry.	Tonnage.	Port of Issue.	Amount.
				\$ cts.
Tattler	Gloucester	135	Shelburne	202 50
Mabel D. Hines	"	92	Tusket	138 00
Oliver F. Killam	Beverly	43	Yarmouth	64 50
Athlete	Gloucester	96	Shelburne	144 00
Walter P. Goulart	"	55	Sand Point	82 50
Muriel	Boston	83	Canso	124 50
Jno. R. Bradley	Gloucester	80	Shelburne	120 00
Oriole	"	104	"	156 00
Margie Turner	Boston	44	Sand Point	66 00
Harry A. Nickerson	Gloucester	83	Lockeport	124 50
Margaret	"	79	Canso	118 50
Elector	"	84	Tusket	126 00
Richard	"	90	Canso	135 00
Mystery	"	78	Pt. Hawkesbury	117 00
Mary F. Curtis	"	85	Sand Point	127 50
Valeria	Boston	97	"	145 50
Cynthia	Gloucester	98	Canso	147 00
Tacoma	"	71	"	106 50
Olga	"	77	"	115 50
Thomas S. Gorton	"	92	"	138 00
Massachusetts	"	102	"	153 00
Mildred Robinson	Boston	86	Woods Harbour	129 00
Imperator	Gloucester	99	Yarmouth	148 50
Conqueror	"	104	Sand Point	156 00
Elsie	Boston	98	Shelburne	147 00
Lillian	"	95	Liverpool	142 50
Ingomar	Gloucester	103	Canso	154 50
Catherine Burke	"	92	House Harbour	138 00
Cavalier	"	96	"	144 00
Clara G. Sylva	"	50	Liverpool	75 00
Titania	"	77	Sand Point	115 50
Theodore Roosevelt	"	90	Canso	135 00
June	"	85	"	127 50
Flirt	"	82	Shelburne	123 00
Elmer E. Gray	Boston	84	"	126 00
Corona	Gloucester	82	Port Mulgrave	123 00
Laverna	"	95	L. E. Pubnico	142 50
Fannie B. Atwood	Boston	82	"	123 00
Fannie E. Prescott	"	87	Liverpool	130 50
Monitor	Gloucester	100	Pt. Hawkesbury	150 00
Maxime Elliott	"	75	Arichat	112 50
Terranova	Boston	94	Canso	141 00
Quannapowitt	"	76	"	114 00
Avalon	Gloucester	85	"	127 50
Atlanta	"	74	"	111 00
A. Piate Andrew	"	92	"	138 00
Rhodora	"	81	North Sydney	121 50
Movanian	Durburn	82	Sand Point	123 00
Ramona	Gloucester	58	Lockeport	87 00
Rex	"	54	Canso	141 00
Essex	"	84	"	126 00
Onato	Boston	105	Pt. Hawkesbury	157 50
Esperanto	Gloucester	91	"	136 50
Lottie G. Merchant	"	79	Sand Point	118 50
Blanche	"	78	"	117 00
Manhasset	Boston	79	Yarmouth	118 50
Arthusa	Gloucester	107	Amherst, M.I.	160 50
Waldo L. Stream	"	81	Pt. Hawkesbury	121 50

SESSIONAL PAPER No. 22

UNITED STATES Fishing Vessels to which Licenses were issued, &c.—*Concluded.*

Name of Vessel.	Port of Registry.	Tonnage.	Port of Issue.	Amount.
				\$ cts.
Mathew S. Greer.....	Boston.....	75	Canso.....	112 50
Elk.....	".....	83	Amherst, M. I.....	124 50
Georgiana.....	".....	87	Liverpool.....	130 50
T. M. Nicholson.....	Bucksport.....	90	Shelburne.....	135 00
Smuggler.....	Gloucester.....	91	Wedgeport.....	136 50
Harvard.....	".....	76	Sand Point.....	114 00
Eglantine.....	".....	67	Woods Harbour.....	100 50
S. P. Willard.....	".....	87	Arichat.....	130 50
Lucinda I. Lowell.....	".....	77	".....	115 50
Vanessa.....	Boston.....	84	Canso.....	126 00
Wm. H. Rider.....	Gloucester.....	45	".....	67 50
Gladys & Nellie.....	".....	64	Liverpool.....	96 00
Virginia.....	".....	73	".....	109 50
Agnes.....	".....	75	".....	112 50
Monitor.....	".....	78	Amherst, M. I.....	117 00
Zakimia.....	".....	71	".....	106 50
Elva L. Sparling.....	".....	49	North Sydney.....	73 50
Jennie B. Hodgkin.....	".....	85	".....	127 50
Alice.....	Boston.....	63	L. E. Pubnico.....	93 00
Preceptor.....	Gloucester.....	89	".....	133 50
Hope.....	Boston.....	54	".....	81 00
Sylvania.....	Gloucester.....	99	Sand Point.....	148 50
Eugenia.....	".....	66	".....	99 00
Priscilla Smith.....	".....	89	Shelburne.....	133 50
Bohemia.....	".....	86	Tusket.....	129 00
Thalie.....	".....	47	Wedgeport.....	70 50
Judique.....	".....	89	".....	133 50
Mary A. Gleason.....	".....	32	Woods Harbour.....	48 00
Elisabeth M.....	Bucksport.....	102	".....	153 00
Governor Foss.....	Gloucester.....	88	".....	132 00
Ella G. King.....	".....	52	Canso.....	78 00
Metecor.....	".....	96	North Sydney.....	144 00
Pythian.....	".....	45	Paspebiac.....	67 50
Lizzie Griffin.....	Bangor.....	71	Louisburg.....	106 50
Thos. A. Cromwell.....	Boston.....	89	Yarmouth.....	133 50
Robb Roy.....	Gloucester.....	79	Canso.....	118 50
Fannie A. Smith.....	".....	87	Amherst, M. I.....	130 50
Muriel.....	Boston.....	84	Halifax.....	126 00
Valerie.....	".....	97	".....	145 50
Harmony.....	".....	81	".....	121 50
Movanoun.....	Duxbury.....	82	Shelburne.....	123 00
Waldo L. Stream.....	Gloucester.....	81	Sand Point.....	121 50
Paragon.....	".....	80	Shelburne.....	120 00
Imperator.....	".....	99	".....	148 50
Effie M. Morrissey.....	Marble Head.....	83	Yarmouth.....	124 50
Ruth.....	Boston.....	56	".....	84 00
Quickstep.....	Gloucester.....	75	".....	112 50
Georgiana.....	Boston.....	87	Halifax.....	130 50
Morning Star.....	".....	85	".....	127 50
Margie Turner.....	".....	45	".....	67 50
Bohemia.....	Gloucester.....	86	Yarmouth.....	129 00
Annie M. Parker.....	".....	100	Tusket.....	150 00
Hazel R. Hines.....	".....	79	Pubnico.....	118 50
			Total.....	13,573 50
			Refund.....	73 50
				13,500 00

APPENDIX No. 16.**REPORT ON OYSTER CULTURE BY THE DEPARTMENT'S EXPERT FOR THE
SEASON OF 1912.**

CHARLOTTETOWN, P. E. ISLAND,

December 31, 1912.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit to you my annual report on last season's work in connection with oyster culture in the lower provinces.

CARIBOO HARBOUR, N.S.

During a portion of last year my time was engaged in Cariboo harbour, Pictou county, in preparing an area of four acres in extent and making it suitable for the planting of young oysters. As the season was so late when the ground was in readiness to receive them, only twenty-five barrels of small oysters from Richmond bay, P.E.I., were planted on one acre, it being the intention to plant the remaining three acres with American seed oysters for the purpose of ascertaining whether these oysters would propagate in Canadian waters.

Arrangements having been made by the department to obtain seventy-five barrels of seed oysters from George T. Greene, Esq., of Warren, Rhode Island, with instructions for me to see them packed and rushed through without any unnecessary delay. I left Charlottetown on the 10th day of May with the *Ostria*, arriving in Pictou the same evening. On Saturday, the 11th, I proceeded to Cariboo and arranged the stakes to mark the bed which was previously prepared. On Monday, the 13th, I again proceeded to Cariboo and saw that the stakes were all in order, and examined the bottom, which I found in a satisfactory condition. I then obtained samples of the oyster which were planted last year and am pleased to report that they were looking very healthy, and growing in a very satisfactory way, the fish being very full and white, and no mortality noticeable amongst them.

On Tuesday, the 14th, I left Pictou, arriving in Warren on Wednesday, when I met Mr. Greene, who arranged to catch the oysters on the following day, which was done, and on Friday they were packed in barrels and shipped on board a freight-car at railway station. I may here state that the oysters shipped were a splendid sample, and have the appearance of growing into a fine oyster.

They left Warren, R.I., on Saturday, the 18th May, on which day I also left.

At Portland, on Monday, I found out that the oysters had preceded me. On my arrival at Vanceboro' the freight agent informed me he had just received a wire, stating that the oysters were on the freight train behind the express, and would leave at 8 p.m. for St. John, where they arrived at noon next day. Arriving at St. John at midnight, I made further inquiries, next day, at the Canadian Pacific Railway freight offices, where I was informed that the oysters had just arrived and would be transferred. I left by the midnight express, arriving in Pictou at noon on Wednesday. The oysters arrived on the 10 o'clock, a.m., freight, on Friday the 24th, but I could

SESSIONAL PAPER No. 22

not get them until after the *Minto* had left for Charlottetown. They were shunted into position and placed on board *Ostrea* after 7 o'clock that morning. Early the next morning I proceeded to Cariboo harbour and planted them all by noon. They arrived in excellent condition, not one broken or dead oyster was noticed, and were evenly spread over the area reserved for them. They were a fine lot of young, growing oysters, and I must say that Mr. Greene did everything he possibly could to make the experiment a successful one, as far as it lay in his power. Before leaving I removed all the stakes marking the beds, and suggested to the department that some one should be appointed to look after the area as far as poachers are concerned. I was in hopes of making an examination of these oysters late this fall in order to ascertain the results of a summer's growth, but work in other provinces and wild weather prevented me from doing so.

BIRD ISLAND BED, RICHMOND BAY, P.E.I.

After finishing my work at Cariboo I proceeded to Richmond bay and made a thorough examination of Bird island bed, and found the area clean and free from weeds or eelgrass, and the oysters growing in a very satisfactory manner. This would prove to be an excellent piece of ground if left alone, but I can see that intruders have been taking some of the best samples. I have invariably noticed that as soon as oysters have grown to a marketable size there is a certain class of persons who will make a raid on these particular beds, and it is exceedingly hard to catch them. There should be a much larger proportion of the larger oysters on the bed than there is. The following shows the number of oysters taken at each haul of the dredge, including all sizes: 47, 135, 81, 81 and 106. I took one haul at Cariboo this spring on the one acre that was planted the summer before, and took up 200. Both these grounds were spread with the same proportion of small oysters. The difference is easily seen, and one can draw his own conclusions.

After finishing the above area I visited some of the public beds where the small oysters were planted last fall, and on Little Curtain island bed I found 23, 21 and 12 oysters, and 17, 23 and 19 starfish respectively, with three hauls of the dredge. This is a very large bed and probably I did not go over exactly the same ground on which the young oysters were laid down. On another bed on the west side of Curtain island I found 29 oysters, which were relaid; and on the northwest side of Curtain island I found, with two hauls of the dredge, 88 and 75 oysters, which were relaid on these beds; there were also 18 and 11 starfish.

These natural beds appear to be overloaded with rough, loose, dead shells. If the beds were owned by private individuals the shells would be removed to the shore where they would be dried and relaid at the proper time and place to act as spat collectors. They are too dirty now to serve the purpose where they are, and for me to remove them and place them into deep water would be an endless task; besides, there is no accommodation to land them here.

It appears to me from past experience that it is utterly useless, and very discouraging, to build up these new beds. The ground is prepared and brought into good condition, it is then stocked with fine samples of hardy oysters. Afterwards the growth appears to be enormous, and everything goes well, until some pirate invades the grounds and spoils all results.

To transplant young oysters on the public beds and spread them thinly over large areas, I consider a much fairer way of serving the fishermen, as there is then no particular place on which to concentrate their energies. But when an area is specially prepared they will make a raid on that particular bed in spite of everything.

4 GEORGE V., A. 1914

With reference to the starfish, I have always tried to impress on the fishermen the necessity to save all they catch and throw them on the land, as that is the only way to keep them under.

On November 13 I again visited the bed and was met in Malpeque by Fishery Officers Keir and Cameron, and proceeded across the bay in the patrol boat *Richmond*.

On examination of the grounds I found the oysters to be growing in a satisfactory way, and several small ones of different sizes were very noticeable, having attached themselves to the shells, &c. From the appearance of the shells brought to the surface, the area does not look as if it had been fished upon recently, as both oysters and shells were covered with a sediment which would have been washed off if much fishing were carried on. Both officers informed me that they have given it their utmost attention, and state that Indians have given them quite a lot of trouble by trying to fish oysters and quahaugs between the beds and the shore, where oysters are found to be growing since this bed was planted. Both officers suggested that oyster fishing be prohibited on the south side of Bird island, extending from the shore until it reaches a depth of 12 feet at low water, which I also approve of, as this would greatly facilitate their work.

RICHIBUCTO, N.B.

After finishing my work in Richmond bay I left there on June 20, arriving at Richibucto next morning and examined several areas in Richibucto harbour. The only place that I found to be at all suitable is a narrow channel, probably an acre in width, and from half a mile to nearly a mile in length, situated between French island and the mainland, at the lower part of the bay, but was unable to find or obtain any shells for the foundation of the bed; about 1,000 barrels of shells would be required for this experiment. I also went up the Richibucto river and made inquiries among the fishermen, fishery overseer and others as to the probability of obtaining the necessary quantity of small oysters for planting the area, and found that conditions have entirely changed since I was here before, when large quantities of small oysters were obtainable. They are extinct now, and it is an utter impossibility to obtain such here.

I am of the opinion that the ground referred to is much more suitably adapted for the planting of quahaugs, as there is no preparation required for these and they could be thinly scattered over a large area. The tidal current here is pure and free from any sediment, but higher up the river the flats are composed of soft mud, covered with eelgrass and a heavy coating of decaying sawdust, which is very injurious to fish-life of any description.

Being unable to find any suitable ground available, or the material at hand to build a bed, I left Richibucto on July 4 and proceeded to Bay du Vin.

BAY DU VIN, N.B.

Upon examination of all the grounds lying between Bay du Vin river and Black river, I found that most of the bottom consists of rough stones; but further off shore, as the water becomes deeper, it was found to be much softer.

A suitable area of ground was selected off Horton's creek which will fill the requirements for an experimental oyster bed, consisting of a firm, smooth bottom with a few scattered stones; it is also quite close to the fishery officer's residence. I measured off an area of four acres and upon examination found a few scattered oysters. This area is situated from five to seven miles from the regular fishing beds on the opposite side of the bay, there being no beds nearer. I spoke to the fishery

SESSIONAL PAPER No. 22

officers and several of the fishermen, explaining what I wanted, and they all informed me that it would be next to an impossibility to find an area such as I described without finding an oyster or so on it, but that no fisherman could get a living here, or even attempt to fish in this locality, as the oysters are too scarce. Both officers and fishermen, however, would only be too glad if the department would allow the experiment to be tried, as they are all of the opinion that it would be possible to improve the whole shore from Bay du Vin river to Pointe Quart, as the spat from a good bed would disperse in both directions. Owing to the lack of men who promised to catch the shells, and who failed to carry out their promise, I found it impossible to secure the shells necessary for the foundation of this bed, and after receiving instructions to leave for patrol duty, I was unable to carry on the work any further this season, but hope that satisfactory arrangements will be made to enable me to complete shelling and stocking this area during the coming summer.

PATROL WORK IN P. E. I.

On August 9 I received telegraphic instructions to proceed with the *Ostrea* to North Cape and patrol the coast and endeavour to suppress any illegal lobster fishing that might be carried on. I left Bay du Vin on August 13, that being the first fine day, and continued on duty between North Cape and Malpeque until October 15, during which time several lobster traps and lines were destroyed off North Cape, Tignish, Kildare cove, Alberton harbour, also along the coast between Alberton and Malpeque bar, and in Richmond bay. The weather at this season of the year in this locality is decidedly unsettled, and the *Ostrea* is too slow a boat to patrol over this large area and do effective work with only two harbours for shelter. However, when I left the district I felt sure there was very little or no fishing being carried on. The presence of a patrol boat has a good effect on some of the fishermen who, not wishing to lose their gear, will take it in at the first approach of danger. Others are more persistent, and I have found their traps and lines varying in depth from 7 to 18 feet water and buoyed with glass bottles and other almost invisible objects. These lines would be placed out of the track of the ordinary patrol boat and are difficult to discover, and I regret to state it was impossible to obtain any definite information from the local fishery officers around Alberton and Tignish, &c. This state of things should not exist, as patrol boats acting in co-operation with the local fishery officers on shore could do very effective work.

SHEDIAC OYSTER RESERVE, N. B.

On October 18 the *Ostrea* left Malpeque, P.E.I., arriving in Shediac on the following day, when arrangements were made to open this reserved area for public fishing to licensed fishermen, commencing on Tuesday, October 29, finishing on Saturday, November 8. No fishing was carried on during the 1st November, it being observed as a holyday, and on the 8th instant fishing was stopped on account of a heavy gale of wind, so that in all only nine days' fishing was carried on, resulting in a total catch of 1,242 bushels oysters and 1,088 bushels of quahaugs, as near as could be ascertained.

The sample of oysters caught this year was a little smaller in size than when fishing here on former occasions, and every precaution was taken by the fishery officers and myself to have the smaller ones returned to the beds, consequently the quantity of small oysters left on the grounds this year far exceeds that of other years when the grounds were opened for public fishing. On previous occasions when these beds were opened the sample of oysters caught was much larger, and when the fishermen had finished they left the grounds in an almost depleted condition.

4 GEORGE V., A. 1914

Ninety-four men reported for fishing and fifty-nine licenses were issued on the grounds. This number of fishermen were not fishing all the time, as they were continually coming and going, but the following table will show the number of men fishing each day and their approximate catch:—

Date—1912.	Number Men fishing.	Bushels Oysters caught.	Bushels Quahaugs caught.
October 29.....	32	86	63
" 30.....	53	146	111
" 31.....	54	146	109
November 2.....	38	101	68
" 4.....	74	166	143
" 5.....	82	209	194
" 6.....	83	192	178
" 7.....	76	124	135
" 9.....	40	72	87
Total.....	532	1,242	1,088

In 1900 this area was first opened for public fishing from October 22 till November 10. As near as could be ascertained the approximate quantity of oysters taken during that period amounted to about 3,500 bushels. One hundred and seventy-five oyster licenses were issued. The men were engaged six days during the first week, four days the second week, and four days the last week. Bad weather stopped the fishing on other days.

In 1903 this area was again opened for public fishing from October 22 till November 12. There were 152 fishermen fishing on the beds, three days were lost on account of bad weather and about 1,600 bushels of oysters were taken, 880 the first week, 540 the second week and 180 bushels the last week. On this occasion the largest proportion of men were fishing for quahaugs, and several of them averaged 150 bushels each during the time the ground was thrown open for public fishing.

In 1908 these beds were opened for public fishing from October 12 till the 31st, being 18 working days, although only 13 days' fishing was carried on, 5 days were lost through bad weather, and the returns were 585 bushels of oysters and 4,054 bushels of quahaugs; over 100 men engaged in fishing.

The following is the total number of oysters and quahaugs taken since the beds were first opened:—

	Bushels. Oysters.	Bushels. Quahaugs.
1900..	3,500	
1903..	1,600	15,000
1908..	585	4,050
1912..	1,242	1,088
Total..	6,927	20,138

I was informed by the fishermen that oysters had spread beyond the reserved area, and on the north side of the reserve the men are able to fish on an average about one barrel of oysters per man a day. A large shoal, what is termed the ballast block, near Pointe du Chêne wharf, was literally covered with young oysters this summer, but being such a shallow spot, many of them will be destroyed by the coming winter's frost. In the Scadouc river, which lies on the southwest part of the bay, oysters are reported to be much more plentiful than they have been for years, which is said to be the result of the oysters growing on the beds.

SESSIONAL PAPER No. 22

It would be advisable to have these grounds raked over some time during the following season. After the grounds were closed this year, I found it was too late to do any further work upon them, owing to the lateness of the season and unsettled weather.

After finishing my work at Shediac I proceeded to Charlottetown with the *Ostrea*, coaled up and lay under steam, watching for an opportunity to run to Pictou, but strong winds were blowing all the time, and on Tuesday the 19th a northwest gale and snowstorm made it impossible for me to examine the bed at Cariboo, which I was in hopes of doing, and as the season was late, I decided to lay *Ostrea* up for the winter, and so commenced to remove her gear and arranged to have her hauled into winter quarters. Placed her on launchways on Friday the 22nd, and had her blocked up on Tuesday the 26th. Crew were engaged in removing gear to warehouse and cleaning up during the rest of the week and paid same off on November 30.

OYSTER BARRELS.

On several occasions I have called the department's attention to the necessity of having a standard measure adopted for the sale of oysters. Of late years many different sizes of barrels have been shipped to market, and all classed as a barrel, for which every shipper expects to receive the same price. It has now arrived at a critical stage and legislation should step in and prescribe the size of an oyster barrel for the protection of the buying public. An increase in the importation of American oysters is said to be due to the fact that the trade knows what it is buying when purchasing an American barrel, but do not when buying a Canadian barrel of oysters. Much dissatisfaction is caused, and in a great many instances the sale of Canadian oysters has been cancelled for that very reason. I trust this matter will receive the department's immediate attention and that a standard measure will be adopted without further loss of time.

PRINCE EDWARD ISLAND OYSTER AREAS.

I am very pleased to be able to report that the Prince Edward Island Government have taken active steps with regard to improving the water bottoms around the island shores, rivers and bays. Surveys have been made in Richmond bay, Prince county; St. Mary's bay, in Kings county; and North river has been commenced in Queens county, and it is the intention to make a complete survey of all water lots. Professor H. H. Shaw, the surveyor, has divided Richmond bay into three separate divisions of water, as follows:—First division, from Curtain island to Malpeque wharf, containing an area of 3,000 acres, which is marked off in sections of 20 square acres for convenience, of which about one-half has been considered available for leasing, the balance, consisting of all the live oyster beds in the locality, to be reserved for the use of the public. Second division, from Curtain island to Lock shore, containing an area of 11,000 acres, of which 9,000 acres have been reserved for public fishing. Third Division extends from Grand river ferry wharfs over the remaining part of the bay to the entrance of Malpeque harbour, and containing an area of 15,000 acres, of which 2,000 acres have been reserved for public fishing, or a total of 29,000 acres, of which 12,500 acres are for public use, and 16,500 acres available for leasing. Applications have been received from residents for about 3,000 acres up to the end of the season in Richmond bay only. The other areas that have been surveyed have not yet been opened for applications for leasing.

The proposed terms are a \$3 fee for application, the lease being for a period of 20 years, and the rental \$1 per acre for the first 5 years, \$3 per acre from the end of the 5th year to the 10th year, and \$5 per acre for the remainder of term, with privilege of renewing lease at expiration of 20 years.

4 GEORGE V., A. 1914

There is no doubt that this will be a decided advantage to the Island generally, and in a few years the public beds should be improved by a certain proportion of the spat thrown off the private areas and coming in contact with the natural beds.

Private culture should receive every encouragement, as when properly managed, the oysters sent to market should be superior to those taken from natural beds. I should like to see the same action taken in Nova Scotia and New Brunswick.

I am, sir,

Your obedient servant,

ERNEST KEMP,

Oyster Expert.

APPENDIX No. 17.

NATURAL HISTORY REPORT

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my report of the Canadian Fisheries Museum for the fiscal year 1912-13.

There are now displayed in the upper room of the Museum, 181 specimens of mounted fishes and casts of fishes, representing the following 85 species, the sexes of which are given in so far as they were determined before being mounted:—

California Hag-fish (*Polistotrema stouti*).

Two specimens.

Picked Dog-fish (*Squalus acanthias*).

One male specimen.

Starry Ray (*Raja radiata*).

One female specimen.

Rat-fish (*Hydrolagus colliei*).

A male and a female specimen.

Common Sturgeon (*Acipenser sturio oxyrhynchus*).

One specimen.

Common Gar-pike (*Lepidosteus osseus*).

Two specimens.

Bowfin (*Amia calva*).

Two male specimens. (One of these was given as a female, but judging from its size, and the presence of an ocellus-like black spot, surrounded by orange, a feature lacking in females, it would appear to be a male.)

Moon-eye or Gold-eye (*Hyodon tergisus*).

A male and a female specimen.

Common Herring. (*Clupea harengus*).

Two female specimens.

California Herring (*Clupea Pallasii*).

Two specimens.

American Shad (*Alosa sapidissima*).

One female specimen.

Menhaden (*Brevoortia tyrannus*).

Two female specimens.

Common Whitefish (*Coregonus clupeiformis*).

Two male specimens.

Cisco or Lake Herring (*Argyrosomus artedi*).

A male and a female specimen.

Hump-back Salmon (*Oncorhynchus gorbuscha*).

Casts of three male and three female specimens.

Dog-salmon (*Oncorhynchus keta*).

Casts of three male and three female specimens.

Quinnat or Spring Salmon (*Oncorhynchus tshawytscha*).

Casts of three male and three female specimens.

Coho or Silver Salmon (*Oncorhynchus kisutch*).

Casts of three male and three female specimens.

Sock-eye Salmon (*Oncorhynchus nerka*).

Casts of three male and three female specimens, and a cast submitted as a sample of workmanship.

These casts exhibit special seasonal characters of the above-mentioned species respectively.

Atlantic Salmon (*Salmo salar*).

One female specimen.

Cut-throat Trout (*Salmo clarkii*).

Two female specimens.

Steelhead (*Salmo rivularis*).

A male and a female specimen.

Rainbow Trout (*Salmo irideus*).

A male and a female specimen.

Salmon Trout (*Christivomer namaycush*).

A male and a female specimen.

Speckled Trout (*Salvelinus fontinalis*).

Three specimens.

Red Canadian Trout (*Salvelinus marstoni*).

A male and a female specimen.

American Smelt (*Osmerus mordax*).

Two specimens.

Horned Pout (*Ameiurus nebulosus*).

A male and a female specimen.

Common White Sucker (*Catostomus commersonii*).

A male and a female specimen.

Common Red Horse (*Moxostoma aureolum*).

Two specimens—one a female.

Silver Chub or Fallfish (*Semotilus corporalis*).

Two female specimens.

Bream or Roach (*Abramis crysoleucas*).

A male and a female specimen.

German Carp (*Cyprinus carpio*).

Two specimens.

American Eel (*Anguilla srysypa*).

Two specimens.

Conger Eel (*Leptocephalus Conger*).

One female specimen.

Green Pike (*Lucius reticulatus*).

A male and a female specimen.

Common Pike (*Lucius lucius*).

A male and a female specimen.

California Pompano (*Palometa simillimus*).

Two specimens.

Silver Hake (*Merluccius bilinearis*).

Two specimens.

Pollock (*Pollachius virens*).

A male and a female specimen.

Tom-cod (*Microgadus tomcod*).

Two specimens.

Common Codfish (*Gadus callarias*).

A male and a female specimen.

Haddock (*Melanogrammus aeglefinus*).

Two specimens—one a female.

SESSIONAL PAPER No. 22

- Fresh-water Ling. (*Lota maculosa*).
One specimen.
- Codling or White Hake (*Urophycis tenuis*).
Two specimens.
- Cusk (*Brosme brosme*).
Two female specimens.
- Calico Bass (*Pomoxis sparoides*).
Two specimens.
- Rock Bass (*Amploplites rupestris*).
Two specimens.
- Common Sunfish (*Eupomotis gibbosus*).
Two specimens.
- Small-mouth Black Bass (*Micropterus dolomieu*).
A male and a female specimen.
- Large-mouth Black Bass (*Micropterus salmoides*).
A male and a female specimen.
- Pike Perch (*Stizostedion vitreum*).
A male and a female specimen.
- Sauger (*Stizostedion canadense*).
A male and a female specimen.
- Yellow Perch (*Perca flavescens*).
A male and a female specimen.
- Striped Bass (*Roccus lineatus*).
Two female specimens.
- White Perch (*Morone Americana*).
A male and a female specimen.
- Weakfish (*Cynoscion regalis*).
One female specimen.
- Sheepshead (*Aplodinotus grunniens*).
Two specimens.
- Striped Surf-fish (*Taëniotoca lateralis*).
Two female specimens.
- Porgy (*Damalichthys argyrosomus*).
A male and a female specimen.
- Cunner (*Tautogolabrus adspersus*).
Two specimens—one a male.
- Tautog (*Tautoga onitis*).
A male and a female specimen.
- Common Mackerel (*Scomber scombrus*).
A male and a female specimen.
- Halibut (*Hippoglossus hippoglossus*).
One female specimen, and a specimen with the eyes on the left side of the head—the eyes of the halibut being normally on the right side.
- Sand Dao (*Hippoglossoides platessoides*).
One specimen.
- Two-lined Flounder (*Lepidopsetta bilineata*).
One specimen.
- Rusty Dab (*Limanda ferruginea*).
Two specimens.
- Winter Flounder (*Pseudopleuronectes americanus*).
Two specimens.

Starry Flounder (*Platichthys stellatus*).

One specimen. (This and two other mounted specimens received have the eyes on the right side of the head, whilst specimens in preservatives and figures of this species which I have seen have the eyes on the left side. I therefore judge that either character may be normal.)

Snapper (*Sebastes marinus*).

Two specimens.

Jackfish (*Sebastes paucispinus*).

One female specimen.

Black Sea Bass (*Sebastes melanops*).

Two specimens.

Black Rockfish or Priestfish (*Sebastes mystinus*).

Two specimens.

Red Rockfish or Tambor (*Sebastes ruberrimus*).

Two specimens.

Black and Yellow Rockfish (*Sebastes chrysomelas*).

Two specimens.

Black-banded Rockfish (*Sebastes nigrocinctus*).

Two specimens.

Coalfish or Skil (*Anoplopoma fimbria*).

Two specimens—one a female.

Boregat (*Hexagrammos decagrammus*).

Two female specimens.

Cultus Cod (*Ophiodon elongatus*).

One female specimen.

Cabezón (*Scorpaenichthys marmoratus*).

A male, a female, and a juvenile specimen.

Daddy Sculpin (*Myoxocephalus groenlandicus*).

Two specimens.

Common Sculpin (*Myoxocephalus octodecimspinosus*).

Two specimens.

Sea Raven (*Hemitripterus americanus*).

A male and a female specimen.

Eel Pout (*Zoarces anguillar*).

Two specimens.

Angler or Fishing Frog (*Lophius piscatorius*).

One specimen.

Besides the above mentioned there are duplicates of many of the species which can be used for outside exhibition purposes, so as to leave the specimens displayed in the museum permanently in their places; and there are mounted specimens of other species which will be placed on exhibition when the cases which are being made for the lower room of the museum are ready.

A new and important feature in connection with the museum collection will be a series of the skeletons of the fishes of Canada. A few skeletons have already been prepared. This work is being done by Mr. Rochon, an employee of the museum, who manifests great skill in their preparation, leaving little to be desired. Indeed I am of the opinion that there will be in our museum as fine a thing of the kind as is to be seen any where. Too much emphasis cannot be laid on the importance of having a complete collection of the skeletons of the fishes of the Dominion. The present state of ichthyological knowledge calls for a deeper insight into the nature of the piscine skeleton towards the settling of questions appertaining to fishes in general as touching their phylogeny, and as scientists await such knowledge as a guide in finding out the true relationship of fishes, whatever we can help in bringing to light in this respect is sure to be welcome.

SESSIONAL PAPER No. 22

In the floor space of the upper room there are tables upon which are set in continued succession a series of square cases containing a miscellaneous collection of specimens, all of which bear some relation to the sea or to the fresh waters. These specimens were brought together from many parts of the Dominion, and chiefly embrace fish bones, numerous marine invertebrates (such as mollusks, crustaceans, starfishes, &c.), and eggs of water birds; and, as mentioned in the report of last year, in a case at the end of the room in the basal compartments of the cases containing the mounted fishes, there are specimens of mounted water birds, mostly divers, waders, gulls, shore birds and ducks. At the rounded ends of the upright cases specimens of turtles, vertebral columns of sharks, &c., have since been placed; and, in view of completing the room, negotiations are being entered into to acquire the skeleton of a whale and specimens of large-sized fishes, all of which will be suspended from the roof. There are also in this room the following models: a steam trawler with otter trawl gear, a steam herring drifter two sailing fishing vessels, a herring weir and a fishway.

Various models of vessels, bones of whales, heads of mammals, &c., most of which are surplus specimens of the institution, formerly known as the 'Fishery Exhibit,' have been placed in the entrance space and stairway; but many of these articles lack requisite data (the essential importance of keeping data appearing in those days not to have been considered), so that anything regarding their history can be only surmised.

The subdued light of the basement of the building, with the windows situated as they are, so that the light penetrates from the side on the southern wall, and from the top on the eastern and northern walls, admirably adapts that part of the building to be turned into an aquarium. The basement indeed could well be turned into a sort of miniature of the aquarium of the Trocadero in Paris, and the light would fall upon the fishes in the very best way to show them off. The tanks inside and outside the building and a part of the incubators in the hatchery could be left as they are; and it seems fortunate that there should be a part of the building suitable for an aquarium which would be in keeping with the general character of the museum, such as the dimensions and style of the building will permit of its being; but I have again to point out (as was done in the report of last year), that as the collection grows, far more space and a proper museum structure will be required in order to display the collection to the very best advantage.

Another recent acquisition to the museum is a nest of the Belted Kingfisher (*Ceryle alcyon*) with the complete complement of eggs—7 in number, and the male bird which was found in the tunnel of the nest.

It is expected that at least one floor of the museum will be open to the general public during the coming autumn.

ANDREW HALKETT, *Naturalist,*
Department of Marine and Fisheries.

Canadian Fisheries Museum,
Ottawa, 30th June, 1913.

APPENDIX No. 18.

FISH BREEDING

OTTAWA, September 3, 1913.

To the Superintendent of Fisheries,
Ottawa, Ontario.

SIR,—A detailed report on the fish breeding operations of the department for the last fiscal year, 1912-13, is herewith submitted; also a statement of the distribution of fry from the different hatcheries during the present season, 1913.

Since my last report, the hatcheries at Middleton, N.S., Buctouche, N.B., Collingwood Ont., and Gull Harbour, Big island, Manitoba, have been completed, and the two first mentioned were operated during the past season.

The Middleton is a salmon and trout hatchery. It is situated on a small tributary of the Nictaux river, a short distance from the town of Middleton, Annapolis county, N.S. It is 60 feet long by 25 feet wide and 14 feet high from the top of the sills to the bottom of the plates. It is fitted up with 30 hatching troughs, 15 feet 7 inches long, 10 inches wide and 6 inches deep, inside measurement. These troughs, with the retaining tanks that have been provided, will accommodate over three and a half million eggs. Space is also provided for the incubation of shad on a small scale. A dwelling 28 feet by 22 feet situated near the hatchery on a plot of land containing about half an acre, has been purchased, as a residence for the officer in charge. One million one hundred and twenty-five thousand salmon and fifty-four thousand speckled trout fry were distributed from this hatchery last spring.

The Buctouche is a lobster hatchery. It is situated on a bar at the entrance to the Buctouche harbour, about 6 miles from the town of Buctouche. It is of the standard size adopted for such hatcheries, viz., 48 feet 2 inches long by 30 feet 2 inches wide and 13 feet in height from the upper side of the sills to the lower side of the plates. It has a capacity of over 150 jars, and its operation last spring resulted in a distribution of 23½ million young lobsters.

The Collingwood is a whitefish hatchery. It is situated on Raglan street, in the town of Collingwood, and is 76 feet 6 inches long by 41 feet 6 inches wide, with a 14-foot wall. Its batteries will accommodate 672 whitefish jars. A comfortable cottage has been built convenient to the hatchery for the officer in charge.

The hatchery at Gull Harbour, Big Island, was built for the purpose of replenishing the southern part of Lake Winnipeg with whitefish and pickerel. It is framed, 77 feet long by 37 feet wide and 25 feet in height from the upper side of the sills to the top of the wall plates. It has a capacity of about seventy million eggs. Living quarters for the officer in charge are provided over the hatching room.

During the present summer, contracts were awarded for the erection of hatcheries and dwellings for the officers in charge thereof, at the Little River reservoir, near St. John, N.B., a salmon retaining pond at New Mills on the Bay Chaleur, N.B.; a whitefish hatchery on the Dauphin river, Lake Winnipeg, Manitoba; a trout hatchery at Banff, Alberta, and a trout hatchery at Gerrard, B.C.; also for a subsidiary trout hatchery on the Belgium horse ranch, near Calgary, Alberta.

SESSIONAL PAPER No. 22

The Ottawa hatchery, Ontario; the Bon Accord, Fraser river hatchery, B.C.; and the bass ponds at Point Ann on the Bay of Quinte have, for the following reasons, been discontinued.

At the Ottawa hatchery, the water is obtained from the city water supply, which has, since the outbreak of typhoid, been treated with hypo chloride, which made it unfit for hatchery purposes. As the provincial government in Ontario derives all the revenue from the fisheries, it has been arranged to leave the propagation of sporting fish with it, and this department will confine its fish breeding operations in the province to the commercial species. Following this arrangement, the bass ponds at Point Ann, which have not for several seasons, owing to quarrying operations in the vicinity, been giving satisfactory results, have been abandoned.

The hatchery at Bon Accord on the Fraser river, B.C., has been discontinued, as its situation became unsuitable, being in the centre of the C. N. R. townsite of Port Mann. The timber on the surrounding land was cleared off and the stream from which the water supply was obtained, was greatly reduced in volume and quality. The hatchery building was also old and in need of extensive repairs. The large Harrison lake hatchery, judging from the experience of recent years, can readily accommodate all the eggs that can be collected in the district.

The department has at the present time distributed throughout the Dominion, fifty-one hatcheries, three subsidiary hatcheries, and five salmon retaining ponds, fully equipped, and four hatcheries, one subsidiary hatchery, one salmon pond and one lobster pond under construction.

The following table gives the different hatcheries, their location, date of establishment and the species of fish handled in each one.

NOVA SCOTIA

Established.	Location.	County.	Species handled.
1876.....	Bedford.....	Halifax.....	Atlantic Salmon, Speckled Trout.
1902.....	Margaree.....	Inverness.....	" " " "
1906.....	Windsor.....	Hants.....	" " " "
1912.....	Lindloff.....	Richmond.....	" " " "
1912.....	Middleton.....	Annapolis.....	" " Speckled Trout.
1891.....	Bay View.....	Pictou.....	Lobster.
1905.....	Canso.....	Guysborough.....	"
1911.....	Isaac's Harbour.....	".....	"
1911.....	Arichat.....	Richmond.....	"
1911.....	Margaree Harbour.....	Inverness.....	"
1911.....	Antigonish.....	Antigonish.....	"
1912.....	Little Bras d'Or.....	Cape Breton.....	"

NEW BRUNSWICK.

1874.....	Restigouche.....	Restigouche.....	Atlantic Salmon, Speckled Trout.
1874.....	Miramichi.....	Northumberland.....	" " " "
1880.....	St. John River.....	Victoria.....	" " Speckled Trout.
1903.....	Shemogue.....	Westmorland.....	Lobster.
1904.....	Shippegan.....	Gloucester.....	"
1912.....	Buctouche.....	Kent.....	"
1912.....	St. John.....	Victoria.....	Shad.

PRINCE EDWARD ISLAND.

1906.....	Kelly's Pond.....	Queens.....	Atlantic Salmon, Speckled Trout.
1904.....	Charlottetown.....	".....	Lobster.
1909.....	Georgetown.....	Kings.....	"

4 GEORGE V., A. 1914

QUEBEC.

Established.	Location.	County.	Species handled.
1875.....	Tadousac.....	Saguenay.....	Salmon.
1875.....	Gaspé.....	Gaspé.....	"
1881.....	Magog.....	Stanstead.....	At. Salmon, Salmon, Grey and Sp. Trout.
1905.....	Mont Tremblant.....	Terrebonne.....	" " " "
1904.....	St. Alexis.....	Maskinongé.....	Speckled Trout.
1904.....	Lake Lester.....	Stanstead.....	At. Salm., Salm. Tr., " "
1910.....	Port Daniel.....	Bonaventure.....	Lobster.
1910.....	House Harbour.....	Magdalen Islands.....	"

ONTARIO.

1876.....	Sandwich.....	Essex.....	Whitefish.
1908.....	Sarnia.....	Lambton.....	" and Pickerel.
1912.....	Collingwood.....	Simcoe.....	"
1868.....	Newcastle.....	Durham.....	Salmon Trout and Speckled Trout.
1908.....	Warton.....	Bruce.....	"
1912.....	Port Arthur.....	Thunder Bay.....	Whitefish, Salmon Trout and Sp. Trout.
1912.....	Southampton.....	Bruce.....	Salmon Trout and Speckled Trout.

MANITOBA.

1894.....	Selkirk.....	Lake Winnipeg.....	Whitefish.
1907.....	Beren's River.....	".....	"
1909.....	Winnipegosis.....	Lake Winnipegosis.....	"
1912.....	Gull Harbour.....	Big Island, Lake Win... ..	"

BRITISH COLUMBIA.

1902.....	Granite Creek	Fraser Riv. Water-shed.	Salmon and Trout.
1905.....	Harrison Lake.....	" "	"
1906.....	Pemberton.....	" "	"
1908.....	Stuart Lake.....	" "	"
1903.....	Lakelse Lake.....	Skeena Riv.	"
1908.....	Babine Lake.....	" "	"
1906.....	River's Inlet.....	Oweekayno Lake.....	"
1910.....	Anderson Lake.....	Vancouver Island.....	"
1910.....	Kennedy Lake.....	" "	"
1910.....	Cowichan Lake.....	" "	" and Trout.

N.B.—The first hatchery at Gaspé was abandoned in 1898. The present hatchery at this place was established in 1902.

The following hatcheries are under construction:—

1. St. John, N.B.
2. Dauphin, or Little Saskatchewan river, Man.
3. Banff, Alta.
4. Gerrard, B.C.
5. Calgary subsidiary, Alta.
6. Long Beach pond, N.S.

SESSIONAL PAPER No. 22

During the past season the number of berried lobsters taken is reported to have been much less than in previous years. The weather in several places was rough and unfavourable, and to these two factors is largely due the decrease of young lobsters distributed. The failure of contractors to deliver machinery on the dates promised and the consequent later opening of some hatcheries, also affected the output to a certain extent. In other species, the distribution compares favourably with that of former years.

A brief outline of the work in the different provinces is given below.

NOVA SCOTIA.

In this province there are five salmon hatcheries, including the Lindloff subsidiary hatchery; 1 salmon retaining pond; 7 lobster hatcheries and one lobster pond. From them the following distribution was made last spring:—

Salmon.	7,340,000
Speckled and red trout.	174,000
Lobster fry.	274,600,000

and 169 berried lobsters 10 inches and over in length.

Between November 12 and 26, 576 females and 265 male salmon were stripped at the Margaree retaining pond. From these 6,539,000 eggs were obtained and laid down in the hatchery at N. E. Margaree. In February last, 1,750,000 of these eggs were transferred to the new hatchery at Middleton, Annapolis county, and in March 1,250,000 were transferred to the Lindloff subsidiary hatchery. For the first time in its history, speckled trout were incubated in the Margaree hatchery. The eggs were collected and the resulting fry, about 40,000 in number, were distributed in streams tributary to the Margaree river.

The Bedford hatchery obtained 1,500,000 salmon eggs from the Miramichi retaining pond, N.B., and 98,000 speckled and 5,000 red trout eggs from the St. Alexis hatchery, Quebec. The efforts of the officer in charge to collect ouananiche eggs in Grand lake and tributary streams, were not successful, but with the experience gained, better results are hoped for next year.

The Windsor hatchery received 320,000 salmon eggs from the Miramichi pond, N.B., and 1,000,000 eyed eggs from the Grand Falls hatchery, N.B. In addition to the 1,750,000 salmon eggs referred to in a previous paragraph, the Middleton hatchery received 56,000 speckled trout eggs from St. Alexis. The distribution of the fry resulting from the above mentioned eggs, is given in the accompanying list of distribution for the present year.

The total distribution of young lobsters in the seven hatcheries in this province, was 274,600,000. The Long Beach retaining pond was not sufficiently advanced to operate, but a temporary enclosure was built in which the berried lobsters that were purchased from the fishermen, were retained during the fishing season, and liberated at the close thereof in the districts in which they were taken. The large pond which was started last year will be completed this season and operated to as large an extent as possible next spring.

NEW BRUNSWICK.

In this province there are three salmon hatcheries, three lobster hatcheries and a floating shad hatchery on the St. John river. There are also three retaining ponds for salmon, located on the Little river near St. John; at South Esk on the Miramichi.

and at Tidehead on the Restigouche. From these hatcheries the following distribution was made last spring:—

Salmon.....	6,292,000
Speckled trout.....	55,000
Lobsters.....	166,200,000
Shad.....	1,200,000
Salmon trout.....	350,000

From 456 females and 248 males stripped at St. John pond last fall, 4,206,000 eggs were obtained which were brought to the eyed stage at the hatchery at Grand Falls, when the following shipments were made:—

Windsor, N.S.....	1,000,000
British Columbia.....	150,000
Magog, Que.....	100,000
St. Alexis, Que.....	100,000
Newcastle, Ont.....	80,000

The distribution of the fry resulting from the remaining eggs, is given in the accompanying tables.

At Miramichi 912 female and 626 male salmon were stripped, from which 6,376,000 eggs were obtained. These were distributed as follows:—

Bedford, N.S.....	1,500,000
Kelly's pond, P.E.I.....	1,288,000
Gaspé, P.Q.....	1,540,000
Windsor, N.S.....	320,000

The remaining eggs were hatched and distributed from the Miramichi hatchery at South Esk.

From the pond at Tidehead, 2,142,000 eggs were obtained, which were all hatched and distributed from the Restigouche hatchery at Campbellton.

During the season of 1912, the shad hatchery was located at Darling's Island in the Kennebecasis river, and the operations resulted in a distribution of 750,000 fry. After the hatchery was closed last season, an inspection was made of the different areas where shad are taken in New Brunswick and Nova Scotia, and the information obtained indicated that a larger number of eggs could be collected in the Washademoak river, in the vicinity of the narrows than at any other place. The hatchery was therefore, towed to this location, last spring, and the first ripe eggs were taken on June 2. Between that date and June 20, in the neighbourhood of 7,500 shad were handled, from which 2,250,000 eggs were obtained. From this number 1,200,000 strong fry were hatched and liberated in the immediate vicinity of the hatchery, as it was anchored on a natural spawning bed.

The reports regarding the condition of the salmon fishery, both commercial and sporting, are very encouraging, and in this connection the officer in charge of the Restigouche hatchery makes the following remarks in his report:—

‘In order to convey some conception of the present condition of the Restigouche river, I will first quote Mr. Archibald Mitchell's score, which is authentic and was made with a fly about seven miles above Matapedia last June.

SESSIONAL PAPER No. 22

		Lbs.
June	10, 1 fish.	19
"	11, 2 " 23, 25.	48
"	12, 4 " 23, 20, 20, 22.	85
"	13, 1 " .	21
"	14, 1 " .	22
"	15, 5 " 26, 23, 21, 21, 20.	111
"	17, 1 " .	27
"	18, 7 " 30, 29, 21, 22, 21, 22, 22.	167
"	19, 8 " 24, 20, 16, 15, 12, 19, 21, 23.	150
"	20, 4 " 23, 15, 19, 16.	73
"	21, 7 " 7, 9, 20, 24, 20, 22, 11.	113
"	22, 1 " .	20
"	24, 3 " 23, 8, 25.	56
"	27, 6 " 26, 22, 9, 24, 8, 8.	97
"	28, 2 " 40, 24.	64
"	29, 3 " 22, 22, 12.	56
July	1, 2 " 10, 23.	33
"	2, 4 " 12, 11, 10, 10.	43
"	3, 2 " 8, 12.	20
"	4, 1 " .	11
"	5, 1 " .	11
		1,247

Total, 66 fish, weighing average, 18 $\frac{5}{6}$ lbs.

Forty-one fish of the following weights from 20 to 40 lbs:—

23, 25, 23, 20, 20, 22, 21, 22, 26, 23, 21, 21, 20, 27, 30, 29, 21, 22, 21, 23, 22, 24, 20, 21, 23, 23, 20, 24, 20, 22, 20, 23, 25, 26, 22, 24, 40, 24, 22, 22, 23. Weighing 949 lbs., average 23 $\frac{1}{4}$ lbs.

Twelve fish of following weights, from 24 to 40 lbs.:—

25, 26, 27, 30, 29, 24, 25, 26, 24, 40, 24. Weighing 324 lbs., average 27 lbs.

Similar scores were being made all over the Restigouche river by 75 or 100 anglers from Tide Head to Kedgewick, on 75 miles of water, and the Metapedia was excellent, and this too early in June. Is it evidence that the spring fishery is failing? As I stated in last year's report there has not been a poor year for the last five or six years on the Restigouche. The fishery is gradually improving.

INCREASED VALUE OF PROPERTY.

Mr. Archibald Mitchell purchased his present holdings a few years ago for \$38,000. Last year he sold one-quarter interest for \$22,000, giving the property a value of \$88,000.

I might here quote from the late J. Henry Fair, Commissioner of Fisheries for New Brunswick, report dated December 30, 1899, remarking on the Upsalquitch river, he says it was leased in 1887 for a term of five years at \$570 per annum, and alleges there is no angling below Little Falls. This river was sold a few days ago in Fredericton at public auction by provincial government for 10 years, at over \$3,000 per annum and cost of guardianship \$2,000 more. The stretch below Little Falls, where the commissioner says there was no angling a few years ago, sold for \$800 per annum.

In same report, speaking of Little Main river, above Kedgewick, he says: 'These waters have never been leased, although repeatedly advertised and offered for sale.' He says: 'There is no angling for salmon on this part of the Restigouche.'

But here again is another revelation. These waters were leased last year by the provincial government, and the lessees caught 119 salmon and grilse in ten days' fishing.

4 GEORGE V., A. 1914

Since the fishing season closed last year, two small properties on the Restigouche and Metapedia have been sold for upwards of \$30,000. A few years ago, they were offered for half the sum. All these figures and facts can be verified and are the best evidence of the condition of the rivers and the results of hatchery work.

PRINCE EDWARD ISLAND.

In this province there are three hatcheries, one for salmon and trout located at Kelly's pond, near Southport, and two lobster hatcheries, located respectively at Block House point, at the entrance to Charlottetown harbour, and in Georgetown harbour. From these the following distribution was made this season:—

Lobsters	164,000,000
Atlantic salmon	1,064,000
Speckled trout	108,000
Total distribution	165,172,000

For several seasons the officer in charge of the Kelly's pond hatchery has been endeavouring to collect speckled trout eggs with little success. Last fall, however, I am pleased to report that he succeeded in collecting 134,000 eggs from two comparatively small streams. With the experience gained, it is expected that this number will be largely increased next year. The salmon eggs for this establishment, 1,280,000, were obtained from the retaining pond at South Esk, on the Miramichi river. The points of distribution are given in the tables attached to this report.

QUEBEC.

In this province there are six hatcheries for the different varieties of trout and two lobster hatcheries. From these, the following distribution was made last season:—

Salmon trout	1,970,000
Grey trout	345,000
Speckled and red trout	378,000
Atlantic salmon	4,941,000
Lobsters	56,000,000

The salmon trout eggs incubated in the hatcheries in this province are collected in Georgian Bay, and the speckled trout eggs are collected in the St. Alexis district, Maskinonge county, by the officer in charge of the hatchery at that place.

ONTARIO.

The hatcheries in this province have in the past been devoted almost entirely to the commercial species, such as salmon trout, whitefish and pickerel. The operations for the collection of salmon trout and whitefish eggs were last year conducted on a larger scale than in any previous year. The following quantities of eggs were collected in Georgian Bay and Lake Huron:—

By the staff of the Wiarton hatchery	21,000,000
“ “ Southampton hatchery	10,000,000
“ “ Newcastle hatchery	6,000,000

12,000,000 salmon trout eggs were collected for the Port Arthur hatchery in Lake Superior, and 23,000,000 whitefish and 1,000,000 speckled trout were collected for the same establishment in Lake Nepigon.

SESSIONAL PAPER No. 22

Whitefish eggs for the different hatcheries were also collected at the following places:—

French River.....	25,580,000
Bay of Quinte.....	60,000,000
Fighting island.....	74,000,000
Amherstburg.....	16,920,000
Kingsville.....	35,080,000
Dunnville.....	27,920,000

Of those collected in the four places last mentioned, 40,800,000 were placed in the Collingwood hatchery and 28,500,000 in the Port Arthur hatchery; the remainder were handled at Sandwich. The 60,000,000 from the Bay of Quinte were handled at Sarnia. Those collected at the mouth of the French river in Georgian bay, were placed in the Collingwood hatchery. In addition to the whitefish eggs above mentioned, 70,000,000 pickerel eggs were collected in the vicinity of Point Edward, Lake Huron, and hatched at Sarnia.

With the exception of the eggs placed in the Collingwood hatchery, very satisfactory results were obtained from the number collected. At Collingwood, the water was last season obtained for the hatchery from the town water supply. Unfortunately just at the time the eggs were placed in the jars, a severe storm prevailed, which caused a great deal of mud to be carried through the supply pipe into the troughs, and kept the water so heavily charged with sediment that the eggs could not be kept clean or in proper motion. After several days the water cleared to a small extent, but on December 6 another storm developed, which so filled the water with sediment that the eggs began to smother rapidly and would soon have been a total loss. Under these conditions, as soon as the weather permitted, the good eggs remaining, about twenty-five million, were distributed on the spawning beds in the vicinity of Collingwood. To prevent such a condition of affairs obtaining in future, a Ransom Ver Mehr filter is being installed.

The speckled trout eggs collected on Lake Nepigon were brought to the eyed stage at the Port Arthur hatchery, when a proportion of them were distributed to Wiarton, Southampton and Newcastle hatcheries, Ontario, the Grand Falls hatchery, N.B., and the Cowichan hatchery, B.C.

The total distribution of fry in the province this year, the details of which are given in the accompanying tables, was as follows:—

Salmon trout.....	30,228,000
Atlantic salmon.....	75,000
Speckled trout.....	261,700
Whitefish.....	140,000,000
Pickerel.....	40,000,000
Steelhead salmon.....	75,000
Total.....	210,639,700

MANITOBA.

In this province, there are four hatcheries, the output of three of them, viz.—Selkirk, Gull harbour and Berens river—go into Lake Winnipeg, and that of the fourth, Snake island, into Lake Winnipegosis. The eggs for those on Lake Winnipeg are collected at the mouth of the Dauphin or Little Saskatchewan river. While no difficulty has been experienced in capturing a sufficient number of parent fish at this place, a great deal of difficulty has been experienced in conducting operations until the fish taken are in condition for stripping, and afterwards, in transferring the eggs to the different hatcheries. Some idea of the conditions obtaining are given in

the following extracts from the reports of Mr. Wm. Overton, who was in charge of operations during the fall of 1911, and Mr. C. P. Paulson, who was in charge during the fall of 1912.

Extract from Mr. Overton's report—

'When I say that the fish did not commence to spawn until the 26th day of October, and on that date we took only one case after handling four thousand fish, and on the following day the same result; we did not handle the fish again until the 30th, when we took six cases, on the 31st five cases, November 1, four cases, and on the second, the day on which we left for Selkirk, we secured three and one-half cases, making in all twenty and one-half cases.

'It would be well to point out here that the slush commenced running in the river on the morning of the 27th and had not abated when we left, in fact it was two feet in depth. Besides that, the ice was forming in the crates and around the docks, so fast that it was with difficulty that we were able to hang on long enough to secure the quantity of eggs we did. When I say that the ice around the docks and crates was at least four inches thick, the Department will appreciate what we had to contend with.

'After leaving the Little Saskatchewan river, we encountered new-made ice from one and one-half to two and one-half inches in thickness for a distance of twelve miles; from that point until we reached off Tamarac island no ice was seen, but at this point we travelled through about ten miles of new-made ice; from there on we had open water until the mouth of the Red river was reached, and were gratified to find that the tug *Chieftain*, owned by the Northern Fish Company, had kept the channel open. We, therefore, experienced no trouble in making the channel, but in making the entrance to the cross channel, our steamer got aground, which was caused by the low stage of the water in the river at the time, but on the morning of the fourth, the tug *Tempest*, owned by the Northern Fish Company, came to our relief and pulled the steamer off the bar.

'When we left the Little Saskatchewan river we had an ice breaker attached to the steamer, which we had constructed at that point, made of birch logs, and well bolted together. If this precaution had not been taken, it is very doubtful if the boat would have been able to make through the ice. As it was the breaker was completely used up and had to be discarded from that point until Selkirk was reached.'

Extract from Mr. Paulson's report:—

'We started from Selkirk on September 9 and went direct to the Little Saskatchewan river. We set the pound net on the 16th and made the first lift on the 18th. The fishing was fairly good until October 10. From that date until we pulled out the net on October 26, it was very light. We caught, all told, 36,404 whitefish. As we did not require all the male fish we caught, we liberated a considerable number of them immediately after taking them out of the pot. Owing to the fact that we caught so few fish in October, we could not liberate any of the female fish caught in September. These fish kept well in the crates, and there appeared to be nothing wrong with them, but a big percentage of them did not ripen. We had on hand when starting to take spawn on October 26, 16,000 female and 7,000 male fish. Of these we stripped 4,020 female and 1,340 male fish. We got a pint of eggs from each female fish on the average. We took one hundred and ten million eggs altogether. Of these we took fifty-two million to Berens river on October 29 and put them in the jars that night. We went back to Saskatchewan on the 30th and stayed there until November 6, on which date we left for Gull harbour and Selkirk. I did not see it of any use staying there any longer, as the fish we then had in the crates apparently would not spawn. We took fifty-eight million eggs in with us.'

The eggs for the hatchery on Lake Winnipegosis are collected in the Waterhen river. In the past, the same difficulty has been experienced in collecting eggs for this hatchery as on Lake Winnipeg. I am pleased to state, however, that last season a number of fish were successfully towed in crate boats from the fishery and impounded

SESSIONAL PAPER No. 22

in a lagoon at the hatchery, and arrangements are being made to follow the same course in future on a larger scale if necessary, and impound a larger number of fish in the lagoon, as a reserve in case the lake should freeze up and put an end to the operations at the Waterhen river.

A total of 87,440,000 whitefish fry were distributed in the waters of this province this season.

BRITISH COLUMBIA.

The operations of the different hatcheries in this province were last season very satisfactory, with the exception of the Harrison lake and Granite creek establishments. Practically no female salmon reached Shuswap lake last season, and the chief inspector of fisheries for the province reports that this lake can be depended upon to supply sufficient sockeye salmon eggs to justify the operating of the Granite creek hatchery only during the years of the big run of salmon. 12,188,000 eggs were collected for the Harrison lake hatchery, of this number 2,800,000 were sockeye. This failure to collect eggs is not in any way due to lack of energy on the part of the officer in charge. In addition to this collection 5,000,000 whitefish eggs were obtained by the provincial government from the United States hatchery at Put-In bay, Lake Erie, and 3,000,000 were transferred from the Port Arthur hatchery. These eggs hatched out well, and the fry were liberated in a strong and vigorous condition. For some years the officers of the Pemberton hatchery have experienced great difficulty in filling that establishment on account of the Indians taking the salmon as they ascend the rivers before they reach the hatchery pens. Last year, an arrangement was made between this department and the Department of Indian Affairs, whereby a special officer was appointed to supervise the catching of salmon ascending the Birkenhead river by the Indians and the distribution of the salmon from the hatchery pens after they were stripped. This arrangement gave most satisfactory results to all concerned. 25,000,000 sockeye eggs were obtained for the hatcheries, and the Indians secured an ample supply of fish for food. The same arrangement has been made this year.

The total distribution in the province this season is as follows:—

Sockeye salmon	73,012,180
Cohoe “	5,127,600
Spring “	3,812,500
Dog “	1,100,000
Steelhead “	173,900
Atlantic “	142,500
Whitefish	7,100,000
Cut-throat trout	25,900
Lake “	94,000
Speckled “	14,550
Total	90,603,130

I also beg to report that during the past season the fish breeding service has been definitely organized and a permanent salary attached to each permanent position in the different hatcheries. Up till last year, with the exception of British Columbia, the hatcheries were not in any way classified according to their importance. They are now placed in four groups and a minimum and maximum salary attached to each permanent position. A policy of promotion in the service has also been adopted, whereby the officer in charge of a new hatchery is selected from amongst officers in charge of hatcheries of lesser importance, or the assistants in hatcheries of the same class. To assure efficiency, no person is appointed officer in charge unless he has had experience in fish breeding work, and assistants are required to be strictly temperate, healthy, active and energetic men, possessed of a good education, and on appointment

4 GEORGE V., A. 1914

to be not more than 45 years of age. This re-organization will not only obtain a better class of men for the service, but will induce greater interest in the work and greater energy in the discharge of their duties by those already in the service.

In conclusion, I am pleased to say that with few exceptions, the officers have been indefatigable in the discharge of their duties.

DISTRIBUTION.

The attached statements give the total distribution of fry, the number of each species, and the names of the waters in which they were planted during the seasons of 1912 and 1913.

I am, sir,

Your obedient servant,

J. A. RODD.

1912.

Atlantic salmon	20,680,000
Pacific salmon—	
Sockeye	76,922,750
Cohoe	6,243,000
Spring	5,706,000
Humpback	242,000
Steelhead	37,200
	<hr/>
	89,150,950
Salmon trout	27,502,545
Speckled trout	891,900
Grey trout	150,040
Rainbow trout	132,000
Whitefish	114,000,000
Pickarel	42,000,000
Lobsters	565,725,000
Bass	1,396
Shad	750,000
	<hr/>
Total distribution	860,983,831

NOVA SCOTIA.

BEDFORD HATCHERY.

	Atlantic salmon.	Speckled trout.
*Annapolis river, Annapolis county		5,000
*Bear river, west, Annapolis county		5,000
*Bear river, east, Annapolis county		5,000
*Cornwallis river, Kings county		5,000
Habitant river, Kings county		5,000
Rocky lake, Halifax county		5,000
Nicholson's lake, Halifax county		5,000
Dartmouth river, Halifax county		5,000
Salmon river, Colchester county		5,000
Lake Skinner, Yarmouth county		5,000
Lake Annis, Yarmouth county		5,000
*Tusket Forks, Yarmouth county		5,000
Kedgemakooge lake, Queens county		5,000
Mersey river, Queens county		5,000

* See also Windsor hatchery.

SESSIONAL PAPER No. 22

	Atlantic salmon.	Speckled trout.
Roseway river, Shelburne county.. . . .	50,000	5,000
La Have river, Lunenburg county.. . . .	50,000	5,000
Trueman pond, Cumberland county.. . . .		5,000
Mud lake, Cumberland county.. . . .		5,000
Bulmer's pond, Westmorland county, N.B.. . . .		5,000
Pennant river, Halifax county.. . . .	130,000	
Nine Mile river, Halifax county.. . . .	120,000	
Shubenacadie river, Halifax county	70,000	
Musquodoboit river, Halifax county.. . . .	70,000	
Sackville river, Halifax county.. . . .	120,000	
Indian river, Halifax county.. . . .	140,000	
East river, Halifax and Lunenburg county.. . . .	50,000	
Antigonish river, Antigonish county.. . . .	60,000	
Wallace river, Cumberland county.. . . .	70,000	
Caribou river, Pictou county.. . . .	40,000	
St. Mary's river, Guysboro county.. . . .	40,000	
	1,010,000	95,000

Total 1,105,000

MARGAREE HATCHERY.

	Salmon.
Ainslie river, Whycocomah.. . . .	20,000
Baddeck river, Victoria county.. . . .	260,000
Middle river, Victoria county.. . . .	200,000
Indian brook, Victoria county.. . . .	140,000
Mabou river, Inverness county.. . . .	140,000
Strathlorne, Inverness county.. . . .	100,000
Southwest and tributaries.. . . .	220,000
Big Brook.. . . .	100,000
Trout brook.. . . .	60,000
Little river (Cheticamp).. . . .	140,000
Gallant brook.. . . .	180,000
Forest Glen.. . . .	60,000
Murry's crossing.. . . .	100,000
Iron bridge (Big Intervale).. . . .	200,000
Hatchery brook.. . . .	60,000
Etheridge crossing.. . . .	120,000
Plaster.. . . .	140,000
Philip's crossing.. . . .	80,000
Cranton's bridge.. . . .	120,000
Harts and Rossville.. . . .	80,000
Hannigan brook.. . . .	130,000
Crowdis bridge.. . . .	120,000
Black rock.. . . .	80,000
McDermid's crossing.. . . .	150,000
Greigg's crossing.. . . .	120,000
Egypt's brook.. . . .	80,000
Tingley's crossing.. . . .	80,000
Tovis' brook.. . . .	60,000
Kulvi.. . . .	60,000

Total.. . . . 3,400,000

In addition to the above, 1,500,000 eyed eggs were transferred to the Lindloff hatchery.

LINDLOFF HATCHERY.

	Atlantic Salmon.
Scotch river..	30,000
Tryal river west..	45,000
Tryal river west, Morrison intervalle..	60,000
Tryal River west, McIntosh intervalle..	60,000
Tryal river east..	60,000
Tryal river east, Kyte's intervalle..	45,000
Maddison brook..	30,000
Salmon river..	30,000
Black river..	30,000
Gauzwell's brook..	30,000
Lindloff hatchery brook..	975,000
Total..	1,395,000

WINDSOR HATCHERY.

	Salmon.
Avon river, Hants county..	210,000
Meander river, Hants county..	150,000
Kennetcook river, Hants county..	50,000
*Cornwallis river, Kings county..	150,000
Gaspereaux river, Kings county..	50,000
*Annapolis river, Annapolis county	100,000
Nictaux river, Annapolis county..	50,000
Wildcat stream, Annapolis county..	50,000
Round Hill stream, Annapolis county..	50,000
Lequille river, Annapolis county..	50,000
*West Branch, Bear river, Annapolis county..	20,000
*East branch, Bear river, Annapolis county..	30,000
Pearl lake, Yarmouth county..	100,000
*Tusket forks, Yarmouth county..	50,000
Hoopers lake, Yarmouth county..	100,000
Total..	1,210,000

BAY VIEW HATCHERY.

	Lobsters.
Bay View } Caribou island } Pictou island }	56,000,000

CANSO HATCHERY.

	Lobsters.
Canso and vicinity..	24,000,000
Whitehead and vicinity..	15,000,000
Mullgrave and vicinity..	12,000,000
Queensport and vicinity..	4,000,000
Total..	55,000,000

*See also Bedford hatchery.

SESSIONAL PAPER No. 22

ISAAC'S HARBOUR HATCHERY.

	Lobsters.
Torbay..	4,000,000
New harbour..	4,000,000
Coddles harbour..	4,000,000
Seal harbour..	4,000,000
Drum Head..	7,000,000
Goldboro..	4,000,000
Fishermen's harbour..	5,000,000
Beckerton..	6,000,000
Liscomb..	4,000,000
Wine harbour..	3,000,000
Port Hilford..	2,000,000
Nixey's Mate..	3,000,000
Total..	50,000,000

INVERNESS HATCHERY.

	Lobsters.
Polet's cove..	2,000,000
Pleasant bay..	4,000,000
Cape Rouge..	3,000,000
Little river..	4,000,000
Cheticamp..	4,000,000
Cheticamp point..	2,000,000
Point Cross..	2,000,000
Grand Etang..	3,000,000
Friar's head..	2,000,000
Margaree harbour..	4,000,000
Chimney corner..	3,000,000
Margaree island..	2,000,000
Broad Cove marsh..	3,000,000
Port Ban..	2,000,000
Mabou..	3,000,000
Total..	43,000,000

ARICHAT HATCHERY.

	Lobsters.
Arichat fishing grounds	3,000,000
Petit de Grat and Little Anse	6,000,000
Rockdale	2,000,000
River Bourgeois..	2,000,000
West Arichat	4,000,000
Cape August	2,000,000
Jersey Island..	2,000,000
Rocky bay..	2,000,000
Cape La Ronde..	2,000,000
Lennox passage..	2,000,000
Madam island..	1,000,000
Arichat harbour..	1,000,000
Total	29,000,000

4 GEORGE V., A. 1914

ANTIGONISH HATCHERY.

	Lobsters.
Barrios beach.	3,000,000
Cape Jock.	3,000,000
Cape Breton shore.	2,000,000
Bowman head.	3,000,000
Monk head.	2,000,000
Harbour au Bouche.	3,000,000
Bayfield.	2,000,000
Total.	18,000,000

LITTLE BRAS D'OR HATCHERY.

	Lobsters.
Little Bras d'Or	6,601,500
South Bar.	956,000
Britton Cove	2,445,000
Ingonish.	1,222,500
Total.	12,225,000

NEW BRUNSWICK.

RESTIGOUCHE HATCHERY.

	Salmon Fingerlings.	Fry.
Upsalquitch river, above Long Lookum. . .		400,000
Restigouche river—		
Near hatchery.	100,000	
Vicinity Little Cross point.		400,000
" Down's Gulch.		385,000
" Trotting Ground.		385,000
" Red Bank.		350,000
Metapedia river—		
Millstream.	30,000	
Salmon lake.		50,000
Assametquaghan.		50,000
Salmon lake, 4 miles below.		50,000
Causapsal.		100,000
Glen Emma.		50,000
Boullay's lake, near Saybec.		25,000
Malcolm's lake, near Saybec.		20,000
Jacquet river.	10,000	
	140,000	2,265,000
Total		2,405,000

MIRAMICHI HATCHERY.

	Salmon.
Northwest Miramichi and upper branches.	700,000
Main Southwest Miramichi.	200,000
Little Southwest Miramichi.	650,000
Sevogle river.	250,000
Renon's river.	175,000
Millstream.	100,000

SESSIONAL PAPER No. 22

Bartibog river.. . . .	Salmon.
Barnaby river.. . . .	50,000
Nashwaak river.. . . .	50,000
Hatchery brook.. . . .	15,000
	10,000
Total.. . . .	2,200,000

ST. JOHN RIVER HATCHERY.

	Speckled Trout.	Salmon.
St. John river.. . . .		1,720,000
Tobique river.. . . .		600,000
Salmon river.. . . .		500,000
Chamcook lakes.. . . .		80,000
Fisher lakes.. . . .	7,500	
Loch Lomond.. . . .	7,500	
Lake Minote.. . . .	5,000	
	20,000	2,900,000
Total.. . . .		2,920,000

SHIPPEGAN HATCHERY.

Chaleur Bay.....{	In the vicinity of the }	Lobsters.
Gulf of St. Lawrence}	Shippegan Island }	35,000,000
		5,000,000
Total.. . . .		40,000,000

SHEMOGUE HATCHERY.

Northumberland Strait—	Lobsters.
Between Dupuis Corner and Cape Jourimain.. . .	15,000,000

SHAD HATCHERY.

St. John river.

St. John river—	Shad.
Darling's lake, Kennebecasis river.. . . .	650,000
Prince's fishing grounds.. . . .	100,000
Total.. . . .	750,000

PRINCE EDWARD ISLAND.

KELLY'S POND HATCHERY.

	Atlantic Salmon	Speckled Trout.
North river.. . . .	216,000	
Morell river.. . . .	216,000	
Winter river.. . . .	216,000	4,000
Sherrys river.. . . .	108,000	3,000
Dunk river.. . . .	54,000	
Tyne valley	54,000	

4 GEORGE V., A. 1914

	Atlantic Salmon	Speckled Trout.
Bray.. . . .	54,000	
Wheatley.. . . .	54,000	
Midge.. . . .	54,000	
	<hr/> 1,026,000	<hr/> 7,000
Total.. . . .		1,033,000

CHARLOTTETOWN HATCHERY.

	Lobsters.
Keppoch reef.. . . .	6,000,000
Seal rock.. . . .	9,000,000
St. Peter's island, east bar.. . . .	6,000,000
St. Peter's island, west bar.. . . .	6,000,000
Canoe cove.. . . .	9,000,000
Argyle shore.. . . .	9,000,000
De Sable.. . . .	9,000,000
Holland cove.. . . .	6,000,000
Point Prim.. . . .	9,000,000
Governor's island.. . . .	6,000,000
	<hr/>
Total.. . . .	75,000,000

GEORGETOWN HATCHERY.

	Lobsters.
Souris harbour.. . . .	10,000,000
Bay Fortune.. . . .	10,000,000
Little river.. . . .	10,000,000
Grand river.. . . .	10,000,000
Cardigan river.. . . .	10,000,000
Boughton island reef.. . . .	10,000,000
Montague river.. . . .	5,000,000
Between Panmure island and Cape Bear.. . . .	35,000,000
	<hr/>
Total.. . . .	100,000,000

QUEBEC.

TADOUSAC HATCHERY.

	Atlantic Salmon.
Rivière à Mars.. . . .	200,000
Rivière St. Jean.. . . .	300,000
Little Saguenay.. . . .	200,000
Malbaie river.. . . .	160,000
Jacques Cartier river.. . . .	100,000

ST. MARGUERITE SUBSIDIARY HATCHERY.

Portage River district.. . . .	400,000
--------------------------------	---------

BERGERONNES SUBSIDIARY HATCHERY.

Long, Gobeil and Caribou lakes.. . . .	1,000,000
	<hr/>
Total.. . . .	2,360,000

SESSIONAL PAPER No. 22

GASPÉ HATCHERY.

	Atlantic Salmon.
York river.. . . .	690,000
Dartmouth river.. . . .	690,000
St. John river.. . . .	690,000
Cap Chat river.. . . .	50,000
Total.. . . .	2,120,000

MAGOG HATCHERY.

	Speckled trout.	Salmon trout.	Atlantic salmon.
Cookshire Fish Club pond.. . . .	8,000		5,000
Private pond, Cookshire	8,000		
Echo and Round lakes.. . . .	8,000		
Clear lake.. . . .	8,000		
Lake waters.. . . .	500		
Petewawa.. . . .	5,000		
Brook stream, Granby.. . . .	5,000		
Orford lake.. . . .		40,000	5,000
Brome lake.. . . .		50,000	5,000
Smooth pond.. . . .		25,000	5,000
Breaches lake.. . . .		20,000	10,000
Memphremagog lake.. . . .		450,000	35,000
Massawippi lake.. . . .		90,000	5,000
Moffatt lake.. . . .		30,000	
Selby lake.. . . .		30,000	
Lac des Francais.. . . .		25,000	
Lac Rouge.. . . .		25,000	
Key pond.. . . .		40,000	
Lorring's pond.. . . .		30,000	
Little Magog lake.. . . .		40,000	
	42,500	895,000	70,000
Total			1,077,500

In addition to the above distribution, the following eyed eggs were transferred to Lake Lester:—

Salmon trout.. . . .	130,000
Salmon.. . . .	50,000
Speckled and red trout.. . . .	20,000
Total.. . . .	200,000

LAC TREMBLANT HATCHERY.

	Speckled trout.	Salmon trout.
Lac Brule.. . . .	5,000	25,000
Lac Sarazin.. . . .	5,000	
Lac Carre.. . . .	5,000	
Lac Myette.. . . .	5,000	
Lac Manitou.. . . .	5,000	
Lac Paquin.. . . .	5,000	

4 GEORGE V., A. 1914

	Speckled trout.	Salmon trout.
Lac Simon.. . . .	8,000	
Lac de la Truite.. . . .	5,000	
Lac Creu.. . . .	5,000	
Lac Long.. . . .	5,000	
Lac en Cœur	5,000	
Lac Beauvais.. . . .	5,000	
Lac Chatillon.. . . .	5,000	
Lac de la Brume.. . . .	5,000	
Lac Violon.. . . .	5,000	
Agathe des Monts.. . . .	8,000	
Lac des Sables.. . . .		100,000
Lac Masson.. . . .		50,000
Lac Kilkenny.. . . .		40,000
Lac Moreil.. . . .		50,000
Lac des Isles.. . . .		40,000
Lac Duquette.. . . .		50,000
Lac Bessette.. . . .		40,000
Lac Gelinass.. . . .		40,000
Lac Superior.. . . .		40,000
Lac des Grandes Baies.. . . .		40,000
Lac Cedar.. . . .		40,000
Lac Huard.. . . .		50,000
Lac Braze.. . . .		50,000
Lac Dumoulin.. . . .		75,000
Lac Tremblant.. . . .		100,000
Lac Perrault.. . . .		50,000
Lac Gauthier, or Lac des Grandes isles.. . . .		50,000
Lac Cariboo.. . . .		50,000
	<hr/> 86,000	<hr/> 980,000
Total.. . . .		1,066,000

LAKE LESTER HATCHERY.

Fingerlings.

	Speckled trout.	Grey trout.	Atlantic salmon.	Salmon trout.
Campeau club, Thurso.. . . .	1,000			
Oxford lake		15,000	5,000	
Lake Megantic		15,000	5,000	
Cookshire pond			2,000	
Brome lake		10,000		10,000
Magog lake		55,000	18,000	57,000
Lake Massawippi.. . . .		55,000	15,000	58,000
	<hr/> 1,000	<hr/> 150,000	<hr/> 45,000	<hr/> 125,000

	Three years old. Grey trout.	Four years old. Salmon trout.	Five years old. Salmon and Grey trout.
Lake Massawippi.. . . .	40	25	20

SESSIONAL PAPER No. 22

Recapitulation.

Fingerlings, Grey trout..	150,000
“ Atlantic salmon..	45,000
“ Salmon trout..	125,000
“ Speckled trout..	1,000
Thré years, Grey trout..	40
Four years, Salmon trout..	25
Five years, Salmon and Grey trout..	20
Total..	321,085
Total, Grey trout..	150,040
“ Salmon trout..	125,045
“ Atlantic salmon..	45,000
“ Speckled trout..	1,000
Total..	321,085

ST. ALEXIS HATCHERY.

	Speckled trout	Salmon.
Masketsy lake..	20,000	
Ferron lake..	40,000	15,000
Bellemare lake..	20,000	
Shawenegan lake..	50,000	
George lake..	50,000	
Chain of Three Lakes..	60,000	10,000
Pine lake..	30,000	
Baribeau and Carolus lakes..	100,000	
Raquette lake..	15,000	
Balsam lake..	30,000	
Millette lake..	20,000	
St. Louis lake..	20,000	
Eau Claire lake..	10,000	5,000
Saccacomie lake..		60,000
Willie lake..		15,000
Winchester lake..		10,000
La Peché lake..		10,000
	465,000	125,000
Total..		590,000

HOUSE HARBOUR, MAGDALEN ISLANDS, HATCHERY.

	Lobsters.
Cape Vere..	15,000,000
Harbour Basse..	18,000,000
Little harbour..	10,000,000
Narrows..	6,500,000
Total..	49,500,000

PORT DANIEL HATCHERY.

	Lobsters.
Newport..	15,000,000
Between Port Daniel Centre and Port Daniel West . . .	4,000,000
Hopetown..	2,000,000
Shigawake..	2,000,000
Total	23,000,000

ONTARIO.

NEWCASTLE HATCHERY.

	Bass Fingerlings.	Full Grown fish.	Salmon Trout yearlings.	Fry.	Speckled trout.
Rideau lakes at Portland			2,500		
Lake Ontario, Picton..				100,000	
“ Consecr..				100,000	
“ Kingston..				100,000	
“ Toronto				100,000	
“ Hamilton..				100,000	
“ Whitby				75,000	
“ Cobourg..				75,000	
“ Newcastle				75,000	
“ Bowmanville				50,000	
Lake Charlston, Athens..				75,000	
“ Couchiching, Orillia.. . . .				75,000	
“ Baptiste, Baptiste..				20,000	
“ Rideau, Smith’s Falls . . .				75,000	
“ Simcoe, Brechin..				75,000	
“ Source and Cache, Algonquin park				50,000	
“ Temiskaming, Haileybury . .				50,000	
“ Whitestone, Ahmic hartour..				40,000	
“ Indian and Dog, Newboro..				25,000	
“ Eagle, South river..				20,000	
“ Loughborough, Battersea. . .				25,000	
“ Clear, Highland Grove . . .				25,000	
“ Rock and Mink, Coe Hill . .				25,000	
“ Long, Lamable..				20,000	
“ Papineau, Maynooth.. . . .				20,000	
“ Portage, Gordon bay.. . . .				20,000	
“ Silver, Maberly..				25,000	
“ Sunfish, Waterloo..				20,000	
“ Hinchliffe and Sanford, Gil- mor				20,000	
“ Trout, Bancroft..				20,000	
Canaquagigue creek, Elmira . . .					6,000
Trout lake, Highland grove.. .					7,000
Diamond lake, “					7,000
Puslinch creek, Guelph.. . . .					6,000
Matheson’s creek, Havelock . . .					2,500
Sedgerick’s creek, “					2,500
Plato creek, “					2,500
Varty’s creek, “					2,500
McCullough’s creek “					5 000

SESSIONAL PAPER No. 22

	Bass Fingerlings.	Full Grown fish.	Salmon Trout yearlings.	Fry.	Speckled trout.
Manheim, Waterloo.. . . .					5,000
Squire's creek, Springbrook . . .					15,000
Wilmot's creek, Newcastle.. . . .					10,000
Wilson's pond, Garden Hill.. . . .					6,000
Frankish pond, Uxbridge					6,000
Duverton pond, Niagara Falls.. . .					6,000
Good Times pond, Guelph					5,000
Manver's pond, Manvers.. . . .					5,000
Trout lake, Parry Sound district . .	100				
Windy lake, Nipissing.. . . .	100				
Rainy lake, York.. . . .	100				
Sandy lake, Peterborough.. . . .	100				
Gannon's Narrows, Peterborough..	100				
Hall's marsh, Durham.. . . .		16			
Otterville pond, Oxford.. . . .	100				
Victoria lake, on Avon river, Perth	100				
	<hr/> 700	<hr/> 16	<hr/> 2,500	<hr/> 1,500,000	<hr/> 96,500
Total.. . . .					1,599,716

SANDWICH HATCHERY.

	Whitefish.
<i>Lake Ontario—</i>	
Belleville, Bay of Quinte.. . . .	1,000,000
Hamilton.. . . .	1,000,000
Toronto.. . . .	1,000,000
<i>Lake Erie—</i>	
Dunnville	1,000,000
Port Stanley.. . . .	1,000,000
Kingsville.. . . .	1,000,000
Bar point.. . . .	2,000,000
Pigeon bay.. . . .	2,000,000
<i>Detroit river—</i>	
Bois Blanc	4,000,000
Peach island.. . . .	2,000,000
Stoney island.. . . .	2,000,000
Turkey island.. . . .	2,000,000
Fighting island.. . . .	3,000,000
In river at hatchery.. . . .	4,000,000
<i>Lake St. Clair—</i>	
Mitchell's bay	2,000,000
Total	<hr/> 29,000,000

SARNIA HATCHERY.

<i>Lake Huron—</i>	Whitefish.	Pickarel.
Between lightship and Kettle point	35,000,000	
Point Edward and Sarnia spawning grounds..		37,750,000
<i>Aux Sable river—</i>		
Ailsa Craig		200,000
Grand Bend {		4,000,000
Port Frank {		50,000
Lakeside, Oxford county.. . . .		
	35,000,000	42,000,000
Total.. . . .		77,000,000

WIARTON HATCHERY.

<i>Lake Huron—</i>	Salmon trout.	Brook trout.
Tobermory.. . . .	400,000	
Rattlesnake Hoerbou.. . . .	400,000	
South bay.. . . .	400,000	
Providence bay.. . . .	400,000	
Duck islands and Meldrum bay.. . . .	400,000	
<i>Georgian bay—</i>		
Killarney.. . . .	400,000	
Jackson's shoal.. . . .	400,000	
Surprise shoal.. . . .	400,000	
Meaford.. . . .	400,000	
Cape Rich.. . . .	400,000	
Vail's point.. . . .	400,000	
Squaw point	400,000	
Presquel.. . . .	400,000	
Cape Commodore.. . . .	400,000	
Cape Croker.. . . .	1,000,000	
Port Elgin.. . . .	1,000,000	
Gravelly point.. . . .	1,000,000	
Hay island.. . . .	1,000,000	
Griffith island.. . . .	1,000,000	
White Cloud island.. . . .	1,000,000	
Pruder's dock.. . . .	500,000	
Whicher's point.. . . .	250,000	
Lake Chepahguanena, Foley county		5,500
Camp creek, Grey county.. . . .		5,000
Maitland and Saugeen, Grey county.....		5,000
Pepper creek "		5,000
Casement creek "		5,000
Big Saugeen.. . . .		5,000
Beatty, Saugeen, Blue Springs, Grey and Bruce counties		5,000
Spring creek, Bruce county.. . . .		5,000
Sydenham river, Grey county.. . . .		5,000
Sydenham river, Grey county.. . . .		4,400
	12,350,000	49,900
Total.. . . .		12,399,900

SESSIONAL PAPER No. 22

In addition to the above, the following shipments of eyed eggs were made from this hatchery:—

	Salmon trout.
Port Arthur hatchery.. . . .	4,000,000
Newcastle.. . . .	2,500,000
Magog.. . . .	1,750,000
Lac Tremblant.. . . .	1,000,000
Ottawa.. . . .	200,000
Total.. . . .	9,450,000

QUINTE POND.

	Fingerlings.	Bass. Parent.
Moirs lake, Hastings county.. . . .	100	
Stoco lake "	100	
Oak lake "	110	
Marie lake "		30
Collins lake, Frontenac county.. . . .	115	
Big Clear lake, "	115	
Belvy lake, Renfrew county	110	
	650	30
Total.. . . .		680

PORT ARTHUR HATCHERY.

	Atlantic salmon.	Salmon. trout.	Rainbow trout and Steel head salmon.
Rosspport.. . . .	50,000	400,000	
St. Ignace island.. . . .		400,000	
Duck bay.. . . .		200,000	
Silver island.. . . .		200,000	
Tea harbour.. . . .		200,000	
Thunder cape		200,000	
Hair island.. . . .		200,000	
Pie island		400,000	
Mink island.. . . .		400,000	
Welcome island.. . . .		400,000	
Thunder bay.. . . .		2,100,000	
Thunder bay (advanced fry).. . . .		50,000	
River flowing into Thunder bay.. . . .	174,000		
Loon lake	20,000		
McVicar creek.. . . .			70,000
	244,000	5,150,000	70,000
Total.. . . .			5,464,000

SOUTHAMPTON HATCHERY.

	Salmon trout.	Speckled trout.	Rainbow trout.
<i>Lake Huron—</i>			
Southampton harbour and vicinity.	3,000,000		
Big Reef, Inner end.	750,000		
Off Kincardine.	550,000		
Off Stokes bay.	800,000		
Inner Loon ground.	650,000		
Off Lyal Island light.	700,000		
Sunfish lake	50,000		
Erbville creek.		6,500	
Waechter's creek.		6,500	
Chiptow creek		5,000	
Saugeen river, Bruce township, small lake and creek tributary to.		4,000	25,000
Elderlie township, small lake tributary to.			22,000
	<hr/> 6,500,000	<hr/> 22,000	<hr/> 47,000
Total.			6,569,000

MANITOBA.

SELKIRK HATCHERY.

	Whitefish.
<i>Lake Winnipeg—</i>	
Red river, near Selkirk.	25,000,000

WINNIPEGOSIS HATCHERY.

	Whitefish
<i>Lake Winnipegosis—</i>	
Near Snake island.	25,000,000

BRITISH COLUMBIA.

FRASER RIVER WATERSHED.

FRASER RIVERSHED (BON ACCORD) HATCHERY.

	Sockeye.	Cohoe.
Sumas lake.	1,600,000	
Coquitlam.		325,000
Silver creek.	1,500,000	350,000
Sturgeon slough, Pitt river.		125,000
Lillooet river, Pitt river.		125,000
Stave river		125,000
Kanaka river.		125,000
Mixed lot.		500
Hatzic.		25,000
Squamish river.	100,000	
Cultus lake.	200,000	
	<hr/> 3,400,000	<hr/> 1,200,500
Total.		4,600,500

GRANITE CREEK HATCHERY.

	Sockeye.	Cohoe.	Humpback.
Shuswap lake.	192,000	189,000	242,000
Total.			623,000

SESSIONAL PAPER No. 22

HARRISON LAKE HATCHERY.

	Sockeye.	Spring.	Cohoe.
Morris creek, Harrison lake.	11,981,000	5,250,000	276,000
Total.			17,507,000

PEMBERTON HATCHERY.

	Sockeye.	Cohoe.
Birkenhead river.	12,130,000	1,090,000
Total.		13,220,000

STUART LAKE HATCHERY.

	Sockeye.
<i>Stuart lake</i> — Cunningham creek.	6,326,000

SKEENA RIVER WATERSHED.

SKEENA RIVER HATCHERY.

	Sockeye.
Lakelse river (fry).	510,000
“ eyed eggs.	3,677,500
Total.	4,187,500

BABINE HATCHERY.

	Sockeye.
<i>Babine lake</i> — Salmon river.	8,180,000

RIVERS INLET HATCHERY.

	Sockeye
<i>Oweekayno lake</i> — Rearing ponds.	7,500,000
Hatchery creek.	4,291,000
Total.	11,791,000

ANDERSON LAKE HATCHERY.

	Sockeye.
Ternan creek }	
Anderson lake {	6,628,750

KENNEDY LAKE HATCHERY.

	Sockeye.
Kennedy lake.	6,992,000

NIMPKISH HATCHERY.

(Operated by British Columbia Packers' Association.)

	Sockeye.
Nimpkish lake.	5,114,500

4 GEORGE V., A. 1914

COWICHAN LAKE HATCHERY.

Waters.	Spring.	Cohoe.	Speckled Trout.	Atlantic Salmon.	Rainbow Trout.	Steelhead.
Cowichan River.....	100,000	1,500,000	.....	.....	.....	10,000
Oliver's Creek.....	30,000	350,000	1,600	20,000	5,000	10,000
Robinson River	150,000	500,000	.....	25,000	.....	10,000
Beaver Creek.....	60,000	100,000	.....	.....	.....	7,200
Sutton "	50,000	100,000	.....	50,000	.....	.....
Hatchery "	50,000	800,000	.....	.....	.....	.....
Green's "	16,000	100,000	.....	8,000	5,000	.....
Meads " .....	.....	37,500	.....	.....	.....	.....
Beaver Lake.....	.....	.....	1,400	.....	.....	.....
Grants " .....	.....	.....	1,000	18,000	.....	.....
Spectacle " .....	.....	.....	1,000	.....	.....	.....
Victoria Creek.....	.....	.....	1,500	.....	.....	.....
Westholm " .....	.....	.....	500	.....	.....	.....
Shaw " .....	.....	.....	.....	10,000	.....	.....
Cowichan Lake .....	.....	.....	.....	10,000	.....	.....
Bear " .....	.....	.....	.....	20,000	.....	.....
Bradnall Creek .....	.....	.....	.....	9,000	5,000	.....
	456,000	3,487,500	7,000	170,000	15,000	37,200

Total, 4,172,700.

TOTAL DISTRIBUTION.

1913.

Pacific salmon as follows:—

• Sockeye.....	73,012,180	
Cohoe.....	5,127,600	
Spring.....	3,812,500	
Dog.....	1,100,000	
Steelhead	248,900	
		83,801,180
Atlantic salmon.....		19,854,500
Salmon trout.....		32,548,000
Speckled trout.....		978,250
Grey trout.....		345,000
Whitefish.....		234,540,000
Pickrel.....		40,000,000
Lobster.....		660,800,169
Shad.....		1,200,000
Cut-throat trout.....		25,900
Red (Marstonii) trout.....		13,000
B. C. Lake trout		94,000
Total.....		1,073,699,999

NOVA SCOTIA.

BEDFORD HATCHERY.

	Atlantic salmon.	Speckled trout.	Red (Marstonii) trout.
Ponhook lakes		9,000	5,000
St. Mary's.....	50,000	14,000	
Bystaner lakes.....		14,000	
Crouses lakes.....		14,000	
Roseway river.....	50,000	14,000	
Rookwood ponds		10,000	
Indian river.....	150,000		
Nine Mile river	150,000		
Penant river.....	150,000		
Salmon river	150,000		

SESSIONAL PAPER No. 22

	Atlantic salmon.	Speckled trout.	Red (Marstonii) trout.
Musquodoboit river.....	75,000		
Sackville river.....	75,000		
Shubenacadie river	150,000		
West river, Antigonish county..	75,000		
Gold river.....	50,000		
Middle river.....	50,000		
	<hr/> 1,175,000	<hr/> 75,000	<hr/> 5,000
Total.....			1,255,000

MARGAREE HATCHERY.

	Atlantic salmon.	Speckled trout.
Mabou river.....	100,000	
Strathlorne river	100,000	
Baddeck river.....	160,000	
Indian brook.....	80,000	
Trout brook.....	60,000	
Little river, Cheticamp	100,000	
Middle river.....	80,000	
Hatchery brook.....		40,000
Margaree river—		
S. W. and N. E. branches..	2,300,000	
	<hr/> 2,980,000	<hr/> 40,000
Total.....		3,020,000

LINDLOFF HATCHERY.

	Atlantic salmon.
Salmon river, Cape Breton county.....	250,000
Black river, Richmond county.....	250,000
Scott's river, ".....	100,000
Tillard river, ".....	150,000
Total.....	<hr/> 750,000

WINDSOR HATCHERY.

	Atlantic salmon
Avon river, Hants county	325,000
Meander river, ".....	255,000
Kennetcook river, ".....	50,000
Hebert river, ".....	100,000
Panuke lake, ".....	100,000
Cornwallis river, Kings county.....	150,000
Gaspereaux river, ".....	150,000
Great Village river, Colchester county.....	35,000
Little Bass river, ".....	20,000
Economy river, ".....	25,000
Short's lake, ".....	50,000
River Philip, Cumberland county.....	50,000
Total.....	<hr/> 1,310,000

MIDDLETON HATCHERY.		Atlantic salmon.	Speckled trout.
<i>Annapolis river—</i>			
Vroom brook..		100,000	
Morton brook..		45,000	
Fales brook..		20,000	
Dodge brook..		25,000	
Wisnall brook..		55,000	
Walker brook..		60,000	
Willet brook..		60,000	
Swicker's lake		50,000	
Snell lake..		25,000	
Parker brook..		50,000	
Chipman brook..		50,000	
Hatchery brook..		25,000	
<i>Nictaux river—</i>			
Oakes brook		50,000	
Critchell brook..		50,000	
Salmon creek..		150,000	
Bartos creek..		50,000	
Waterloo brook		35,000	
Round Hill R..		35,000	
Lequille river..		35,000	
Pearl lake..		60,000	18,000
Hooper's lake..		60,000	
Petite Rivière..		35,000	
Lake Annis..			8,000
Lake Skinner..			8,000
Ruben lake..			10,000
Cloud lake..			10,000
		1,125,000	54,000
Total..			1,179,000

BAY VIEW HATCHERY.		Lobsters.
<i>In the vicinity of Bay View—</i>		
Pictou island }		75,000,000
Caribou island }		
Total..		75,000,000

CANSO HATCHERY.		Lobsters.
St. Andrew's channel, west entrance..		560,000
Flag island..		560,000
Cranberry light..		2,660,000
Fox island..		1,260,000
Black point..		1,960,000
Canso		11,760,000
Whitehead..		1,820,000
Little Dover..		4,200,000
Mulgrave..		1,680,000
Queenport		2,240,000
Total..		28,700,000

SESSIONAL PAPER No. 22

INVERNESS HATCHERY.

	Lobsters.
Margaree harbour..	6,000,000
Friar's Head	3,000,000
Grand Etang..	5,000,000
Point Cross..	3,000,000
Chimney Corner..	7,000,000
Broad Cove marsh..	6,000,000
Cheticamp..	8,000,000
Polet's cove..	5,000,000
Mabou..	7,000,000
Little river..	5,000,000
Cap Rouge..	3,000,000
Pleasant bay..	3,000,000
Port Bann..	3,000,000
Margaree island..	2,000,000
Eastern harbour..	5,000,000
Belle Cote..	3,000,000
Total..	79,000,000

ANTIGONISH HATCHERY.

	Lobsters.
Monkhead..	4,000,000
Bayfield..	4,000,000
Bowman head	4,000,000
Tracadie	4,000,000
Tracadie Head..	2,000,000
Cape Jack..	2,000,000
Breen beach..	2,000,000
Creignish..	2,000,000
Long point..	2,000,000
Judique..	2,000,000
Little Tracadie..	4,000,000
Port Hood island..	2,000,000
Smith island..	2,000,000
Harbour au Bouche..	4,000,000
Total..	40,000,000

ISAACS HARBOUR HATCHERY.

	Lobsters.
Black ledge..	200,000
New Harbour ledge..	200,000
Spanish Ship bay..	300,000
Beckerton island..	300,000
Country harbour..	4,300,000
Seal harbour..	500,000
Harbour island..	3,000,000
Red Head to Dead Man's Bluff..	1,000,000
Goose island..	2,000,000
Coddle harbour, Big island..	2,000,000
Wine harbour..	2,000,000
Sand cove, Isaacs' harbour..	1,000,000
Total..	16,800,000

ARICHAT HATCHERY.

	Lobsters.
Arichat harbour.. . . .	1,875,000
West Arichat.. . . .	4,750,000
Petit de Grat.. . . .	2,300,000
River Bourgeois.. . . .	1,350,000
Cape La Ronde.. . . .	625,000
Cape Auguet.. . . .	3,900,000
Little Anse.. . . .	800,000
Total.. . . .	15,600,000

LITTLE BRAS D'OR HATCHERY.

	Lobsters.
Little Bras d'Or.. . . .	11,500,000
Ingonish.. . . .	500,000
Britton cove.. . . .	5,500,000
South bay.. . . .	2,000,000
Total.. . . .	19,500,000

DIGBY OR LONG BEACH RETAINING POND.

	Berried Lobsters.	
	Number Collected.	Number Distributed.
Central grove.. . . .	31	31
Cape St. Mary.. . . .	12	12
Whale cove.. . . .	4	4
East Ferry.. . . .	3	3
Centreville.. . . .	3	
Free Port.. . . .	17	17
Victoria beach.. . . .	38	30
Church point.. . . .	2	2
Meteghan.. . . .	3	3
Parker's cove.. . . .	40	37
Gullivers.. . . .	12	10
Sheldon cove.. . . .	6	
Mink cove.. . . .	6	6
Tommie's beach.. . . .	5	4
White's cove.. . . .	6	7
Little river.. . . .	6	3
Total.. . . .	194	169

All lobsters were 10 inches and over in length.

SESSIONAL PAPER No. 22

NEW BRUNSWICK.

RESTIGOUCHE HATCHERY.

	Atlantic salmon.	Speckled trout
Bonaventure river.....	140,000	
Nepisiguit river.....	166,000	
Metapedia river, Salmon lake..	75,000	
Salmon lake, two miles east of ..	150,000	
Causapsca river.....	75,000	
Boravage river.....	40,000	
Upsalquitch river, 31 miles above hatchery..	331,000	
Restigouche river, Red bank, 41 miles from hatchery.....	325,000	
“ “ Trotting Ground, 42 miles above hatchery..	325,000	
“ “ Larry's. Gulch, 50 miles above hatchery..	325,000	
“ “ In tanks at hatchery ..	40,000	
Lac Rondé.....		10,000
MacDonald lake.....		5,000
Smith lake.....		5,000
	<hr/> 1,992,000	<hr/> 20,000
Total.....		2,012,000

MIRAMICHI HATCHERY.

	Atlantic salmon.	
North-west Miramichi river.....	500,000	
Main south-west Miramichi river.....	175,000	
Little river.....	450,000	
Sevogle river.....	150,000	
Renous river.....	150,000	
Millstream river.....	100,000	
Barnaby river.....	50,000	
Nashwaak river.....	50,000	
Pollett river.....	25,000	
Petitcodiac river ..	25,000	
Hatchery brook.....	25,000	
	<hr/> 1,700,000	
Total.....		1,700,000

ST. JOHN RIVER HATCHERY.

	Atlantic salmon.	Speckled trout.	Salmon trout.
St. John river.....	1,730,000		
Tobique river	300,000		
Salmon river.....	250,000		
Shogomoc river.....	75,000		
Skiff lake.....	75,000		200,000
Magaguadonic lake.....	30,000	6,000	
Chamcook lake.....	50,000		

4 GEORGE V., A. 1914

	Atlantic salmon	Speckled trout	Salmon trout.
Utopia lake	25,000		
Musquosh river	25,000		
Noshwaaksis river	40,000	4,000	
Nackawick lake		4,000	
Calvert's lake		7,000	
Wetmore's dam		7,000	
Crescent lake		7,000	
Williamston lake			150,000
	<hr/> 2,600,000	<hr/> 35,000	<hr/> 350,000
Total			2,985,000

SHAD HATCHERY.

St. John river.

Shad.

St. John river—

Washademoak lake, in the vicinity of the Narrows . . 1,200,000

SHEMOGUE HATCHERY.

	Lobsters.
Dupuis corner	1,666,000
Below Murray corner	1,666,000
Cape Bald	6,292,000
Jourmain	1,834,000
Little cape	3,708,000
Murray corner	5,875,000
Bayfield	1,875,000
Grant's shore	2,167,000
Hatchery shore	4,417,000
Total	<hr/> 29,500,000

SHIPPEGAN HATCHERY.

	Lobsters.
Petit Pokemouche	11,000,000
Point a Peinture	20,000,000
Point Brule	24,000,000
Alexander's point	26,000,000
Point Canoe	4,000,000
St. Mary's	8,000,000
Chiasson	11,000,000
Lameque	4,000,000
Shippegan gully	5,200,000
Total	<hr/> 113,200,000

BUCTOUCHE HATCHERY.

	Lobsters.
Cocagne bar	2,000,000
Buctouche	2,000,000
Cormier's Ville	4,000,000
St. Annes	3,000,000
St. Edwards	2,000,000

SESSIONAL PAPER No. 22

	Lobster.
Cocagne cape.	1,500,000
St. Thomas de Kent.	1,000,000
Buctouche beach.	2,500,000
Buctouche harbour.	2,500,000
Cape Richibucto.	2,000,000
Chockfish	500,000
Buctouche bay.	500,000
Total.	23,500,000

PRINCE EDWARD ISLAND.

KELLY'S POND HATCHERY.

	Atlantic salmon.	Speckled trout.
Sherrys.	72,000	5,000
Hardys		15,000
North river.	144,000	30,000
Dunk river.	72,000	14,000
Morell river.	216,000	30,000
Winter river.	72,000	14,000
Indian river.	72,000	
Gurneys river.	72,000	
Belle river.	200,000	
Midgell river.	72,000	
Wheatley river.	72,000	
	1,064,000	108,000
Total.		1,172,000

CHARLOTTETOWN HATCHERY.

	Lobsters.
Governor's island.	18,000,000
Seal Rock island.	22,000,000
Cameron's reef.	18,000,000
Argyle shore.	2,000,000
Black Point reef.	2,000,000
Point Prim reef	16,000,000
St. Peter's island.	26,000,000
Canoe point.	2,000,000
Holland's cove.	2,000,000
Keppoch reef.	12,000,000
Big Point reef.	8,000,000
Trout point.	4,000,000
Rice point.	8,000,000
Total.	140,000,000

4 GEORGE V., A. 1914

GEORGETOWN HATCHERY.

	Lobsters.
St. Mary's bay..	5,000,000
Between Panmure island and Murray harbour.. . . .	5,000,000
Annandale bay..	6,000,000
Montague bay..	5,000,000
Cardigan bay..	2,000,000
Brudenell river and Georgetown harbour.. . . .	1,000,000
Total..	24,000,000

QUEBEC.

TADOUSAC HATCHERY.

	Atlantic salmon.
Malbaie river..	300,000
St. Jean river..	200,000
Little Saguenay river..	200,000
Riviere a Mars..	300,000
Lake du Juge..	100,000
Hatchery lake..	100,000
Long lake	500,000
Gobeil	300,000
Caribou	200,000
Guillaume	300,000
Boulanger	200,000
Portage river—Distributed from Ste. Marguerite subsidiary hatchery..	700,000
Total..	3,400,000

GASPÉ HATCHERY.

	Atlantic salmon.
York river..	397,000
Dartmouth river..	316,000
St. John river..	413,000
Anticosti island rivers..	230,000
Total..	1,356,000

MAGOG HATCHERY.

	Speckled trout.	Atlantic salmon.	Salmon trout.	Grey trout.
Megantic lake			150,000	
Memphremagog lake		30,000	350,000	100,000
Private pond, Cookshire	8,000			
Tucker lake..	10,000			
Trout lake	5,000			
Wolfe County Club's waters.. . . .	5,000			
Buque lake..	15,000			
Joseph lake..			10,000	
Henderson brook	10,000			
Three Miles lake	5,000			
Muffatt lake..				30,000

SESSIONAL PAPER No. 22

	Speckled trout.	Atlantic salmon.	Salmon trout.	Grey trout.
Thames river	10,000			
Therien lake			10,000	
Trois Saumons lake			10,000	
Clear lake		15,000		
Selby lake		5,000	20,000	15,000
Scaswaninipus lake			50,000	
Smooth Pond lake			50,000	
Orford lake			50,000	
Massawippi lake			100,000	
Key pond lake			50,000	
Brome lake			50,000	
	<hr/> 68,000	<hr/> 50,000	<hr/> 900,000	<hr/> 145,000
Total				1,163,000

LAC TREMBLANT HATCHERY.

	Speckled trout.	Salmon trout.
Carre lake, Ste. Agathe	10,000	
Long lake, Ste. Agathe	10,000	
Rond lake, Ste. Adele	10,000	
Marois lake, Shawbridge	25,000	
des Laurentides lake, Val Morin	5,000	
Bourdeau lake, Ste. Lucie	20,000	
Chapleau and Mauves lakes, Minerve	10,000	
de la Truite lake, Ste. Agathe	5,000	
Rochon lake, Pied-Mont		50,000
Noir lake, Pied-Mont		40,000
Cook lake, Pied-Mont		40,000
Belanger lake, Pied-Mont		40,000
des Sables lake, Ste. Agathe		50,000
Beausoleil lake, Ste. Agathe		15,000
Brulé lake, Ste. Agathe		50,000
Lauzon and Simon lakes, La Conception		50,000
Lake St. Clair, La Conception		20,000
Caribou lake, Arundel		50,000
Henri and Bardeaux lakes, Huberdeau		50,000
Cornu lake, St. Hypolite		45,000
Kilkenny lake, St. Hypolite		45,000
Charlebois and des Iles lakes, Ste. Marguerite		50,000
Brulé lake, Ste. Marguerite		25,000
Masson lake, Ste. Marguerite		30,000
Bleu lake, St. Jovite		50,000
Tremblant lake, St. Jovite		200,000
	<hr/> 95,000	<hr/> 900,000
Total		995,000

LAKE LESTER REARING PONDS.

	Red (Marstonii) Trout.	Speckled Trout.	Atlantic Salmon.	Grey Trout.	Salmon Trout.
Gravel Pond near Coaticook.....	.....	5,000	.....	.....	.....
McIntyre Pond and Brook, Beebe....	.....	5,000	.....	.....	.....
In rearing ponds.....	3,000	5,000	40,000	225,000	75,000

The speckled trout distributed were well advanced, having been fed in the ponds for about two months. The fry at present in the ponds will be distributed as fingerlings during September. From present indications, the distribution this season will be approximately as follows :—

Speckled Trout.....	12,000
Red (Marstonii) Trout.....	3,000
Atlantic Salmon.....	35,000
Grey Trout.....	200,000
Salmon Trout.....	75,000
Total (approximate).....	325,000

ST ALEXIS DES MONTS HATCHERY.

	Atlantic salmon.	Speckled trout.	Red (Marstonii) trout.	Salmon trout.
Bellemare lake		15,000		
Mandeville lake.. . . .		15,000		10,000
French lake.. . . .		15,000		
Miroir lake.. . . .		20,000		
Maggie lake.. . . .		15,000		
Beauport lake		15,000		
Pond lake.. . . .		10,000		
Beauvais lake.. . . .		10,000		
Dickerman lake.. . . .		20,000		
Carolus and Baribeau lakes.. . . .	20,000	20,000	3,000	25,000
Ferron lake.. . . .		10,000		25,000
Chain of Three lakes.. . . .	15,000	30,000	2,000	15,000
Joseph Bob lake.. . . .		10,000		
Lambert lake.. . . .	10,000			
Saccacomie lake.. . . .	25,000			
Simpson lake	20,000			20,000
	100,000	195,000	5,000	95,000
Total.. . . .				395,000

PORT DANIEL HATCHERY.

Port Daniel west.. . . .	Lobsters. 1,000,000
--------------------------	------------------------

MAGDALEN ISLAND HATCHERY.

	Lobsters.
* { Cape Vere.. . . .	12,000,000
* { Little harbour.. . . .	21,000,000
* { Harbour Basque	14,000,000
* { Narrows.. . . .	8,000,000
Total.. . . .	55,000,000

* The above fry were all planted in the lagoons at the places mentioned.

SESSIONAL PAPER No. 22

ONTARIO.

NEWCASTLE HATCHERY.

<i>Lake Ontario—</i>	Salmon Trout Fry.	Yearlings.	Atlantic salmon.	Speckled trout.
Hamilton.. . . .	100,000			
Toronto.. . . .	100,000			
Whitby.. . . .	100,000			
Cobourg.. . . .	100,000			
Kingston.. . . .	100,000			
Picton.. . . .	100,000			
Consecon	100,000			
Newcastle.. . . .	70,000			
Bowmanville	50,000			
<i>Lakes—</i>				
Couchiching, Orillia.. . . .	100,000			
Simcoe, Barrie	100,000			
Charleston, Athens	50,000			
Gould, Sydenham	50,000			
Sasaginaga, Cobalt.. . . .	75,000			
Chain of Lakes, Seguin Falls.. . .	50,000			
Ramsay, Sudbury.. . . .	50,000			
Timiskaming, Haileybury.. . . .	50,000			
Twin, New Liskeard.. . . .	25,000			
Horse-show, Falding.. . . .	50,000			
Rainy, Sprucedale.. . . .	50,000			
Mosquibnish and Loon, Haliburton..	50,000			
Muskoka lakes.. . . .	50,000			
Stoney, Sundridge.. . . .	50,000			
Rideau, Portland	50,000			
Algonquin National park.. . . .	30,000		50,000	
Lyndhurst L., Lyndhurst.. . . .		3,000		
Oak L., Havelock.. . . .			10,000	
Lost L			10,000	
Hatchery creek, Newcastle.. . . .			5,000	
Frankish trout ponds.. . . .				8,000
Trenton pond				8,000
Manvers trout ponds.. . . .				8,000
Crossen pond (Cobourg).. . . .				5,000
	<hr/> 1,700,000	<hr/> 3,000	<hr/> 75,000	<hr/> 29,000
Total.. . . .				1,807,000

In addition to the above mentioned fry, the following shipments of eyed eggs were made from this hatchery:—

	Salmon trout.
Magog hatchery.. . . .	624,000
Mont Tremblant	312,000
Grand Falls.. . . .	612,000
St. Paulin.. . . .	65,000
Total.. . . .	<hr/> 1,613,000

SANDWICH HATCHERY.

	Whitefish.
<i>Lake Ontario—</i>	
Belleville, Bay of Quinte	1,000,000
Hamilton	1,000,000
Toronto	1,000,000
<i>Lake Erie—</i>	
Port Stanley	1,000,000
Dunnville	1,000,000
Kingsville	1,000,000
Leamington	1,000,000
Bar point	3,000,000
Pigeon bay	3,000,000
<i>Lake St. Clair—</i>	
Mitchel's bay	3,000,000
<i>Detroit river—</i>	
Peach island	5,000,000
Stoney island	3,000,000
Turkey island	5,000,000
Fighting island	6,000,000
Bay below Fighting island	6,000,000
Bois Blanc island	8,000,000
River at hatchery	6,000,000
Total	55,000,000

SARNIA HATCHERY.

	Whitefish.	Pickerel.
<i>Lake Huron—</i>		
Along lake shore from 20 to 35 miles from mouth of the St. Clair river	40,000,000	
Point Edward and Sarnia spawning grounds		34,900,000
<i>Aux Sable river—</i>		
Ailsa Craig		100,000
Port Frank }		5,000,000
Grand Bend }		
	40,000,000	40,000,000
Total		80,000,000

WIARTON HATCHERY.

	Salmon trout.	Speckled trout.
<i>Lake Huron—</i>		
Tobermory	400,000	
Rattle Snake	400,000	
South bay	400,000	
Providence bay	400,000	
Meldrum bay }	800,000	
Duck islands }		
<i>Georgian bay—</i>		
Killarney	400,000	
Jackson's shoal	400,000	
Surprise shoal	400,000	

SESSIONAL PAPER No. 22

	Salmon trout.	Speckled trout..
Meaford..	400,000	
Cape Croker {		
Vail's point {	700,000	
Presqu'Isle..	400,000	
Cape Commodore..	600,000	
Port Elgin..	1,000,000	
Gravelly point..	1,000,000	
Hay island..	1,000,000	
Griffith island..	1,000,000	
White Cloud island..	1,000,000	
Pruder's dock..	500,000	
Cameron's point..	700,000	
Four Mile point..	700,000	
Spey creek..		3,500
Tributary of Sydenham river (Chats- worth)		3,500
Tributary of Sauble river (Hepworth).. . .		3,500
Pheffer creek..		3,400
Camp creek..		3,400
Beaver river..		3,400
	<hr/> 12,600,000	<hr/> 20,700
Total..		12,620,700

PORT ARTHUR HATCHERY.

	Salmon trout.	Speckled trout.	Whitefish.
Rosspport	400,000		
St. Ignace island..	400,000		
Duck bay..	200,000		
Silver island..	200,000		
Tea harbour..	200,000		
Thunder cape	200,000		
Hare island..	200,000		
Pie island	200,000		
Mink island..	200,000		
Victoria island	200,000		
Welcome island..	150,000		
Thunder bay (advanced fry)..	50,000		
Thunder bay..	2,900,000		{*8,000,000 }10,000,000
Windy lake	50,000	15,000	
Lake Helena..		7,000	
Black bay..			2,000,000
	<hr/> 5,550,000	<hr/> 22,000	<hr/> 20,000,000
Total..			25,572,000

* Eyed eggs.

In addition to the above distribution the following shipments of eyed eggs were made from this hatchery:—

	Speckled trout.	Whitefish.
Harrison lake, B.C.		3,000,000
Cowichan, B.C.	35,000	
Wiarton, Ont.	22,400	
Southampton, Ont.	21,000	
Newcastle, Ont.	30,000	
Grand Falls, N.B.	36,000	
Total.	144,000	3,000,000

SOUTHAMPTON HATCHERY.

	Steelhead salmon.	Salmon trout.	Speckled trout.
Inner Loon ground.		2,850,000	
Chantry island.		1,600,000	
Nine Mile point		1,900,000	
Stokes bay.		1,500,000	
Big Reef off Kincardine.		1,700,000	
Chief point.		800,000	
Sun Fish lake, Waterloo.		25,000	
Weber's creek, Waterloo			5,000
Saugeen river—			
Neustadt branch			5,000
Beaty Saugeen river—			
Neustadt branch.			5,000
Near Ayton			5,000
McFarlane's Spring creek.			5,000
River Speed, Rockwood branch.			5,000
Puslinch river, near Guelph			5,000
Tovatt Spring creek.			5,000
Snake creek, Bruce county			5,000
Amable Spring creek			5,000
Mildmay Spring creek			80,000
Amable, Chesley lake	75,000		
Spring creek (private) near Hepworth			30,000
Spring creek, 2½ miles from Mildmay public waters			30,000
	75,000	10,375,000	190,000
Total.			10,640,000

COLLINGWOOD HATCHERY.

	Whitefish.
Georgian bay spawning grounds in the vicinity of Collingwood.	*25,000,000

* Fertilized eggs.

SESSIONAL PAPER No. 22

MANITOBA.

SELKIRK HATCHERY.

<i>Lake Winnipeg—</i>	Whitefish.
Red river at Selkirk	27,000,000

BERENS RIVER HATCHERY.

<i>Lake Winnipeg—</i>	Whitefish.
Berens river	41,000,000

WINNIPEGOSIS HATCHERY.

<i>Lake Winnipegosis—</i>	Whitefish.
In the vicinity of Snake island	19,440,000

BRITISH COLUMBIA.

Fraser River Watershed.

GRANITE CREEK HATCHERY.

	Sockeye.	Cohoe.	Cut throat trout.
Granite Creek	48,000	47,000	3,000
Harper Lakes, near Shuswap			2,000
McBryan Lake, Skimekin Valley			10,000
Okanagan Lake			1,200
Violin Lake, near Rossland			
	48,000	47,000	16,200
Total			111,200

HARRISON LAKE HATCHERY.

	Sockeye.	Spring.	Cohoe.	Dog.	Whitefish.
Hatchery Ponds	1,000,000				
Harrison Lake			300,000	1,100,000	
Harrison River		2,200,000	600,000		
Morris Creek	1,500,000	900,000	1,000,000		
Cascade Bay					7,000,000
Hicks Lake					100,000
	2,500,000	3,100,000	1,900,000	1,100,000	7,100,000
Total					15,700,000

STUART LAKE HATCHERY.

Stuart Lake, Cunningham Creek	Sockeye. 5,380,000
---	-----------------------

PEMBERTON HATCHERY.

Birkenhead River	Sockeye. 22,660,000
----------------------------	------------------------

SKEENA RIVER WATERSHED.

SKEENA RIVER HATCHERY.

Coldwater creek and Lakelse lake	Sockeye. 4,160,430
--	-----------------------

4 GEORGE V., A. 1914

BABINE HATCHERY.

	Sockeye.
Salmon river.. . . .	7,270,000

COWICHAN LAKE HATCHERY.

Coho salmon.. . . .	3,180,600
Spring salmon.. . . .	712,500
Steelhead salmon.. . . .	173,900
Atlantic salmon.. . . .	142,500
B. C. lake trout.. . . .	94,000
Speckled trout.. . . .	14,550
Cut-throat trout.. . . .	9,700

Total.. . . .	4,327,750
---------------	-----------

RIVERS INLET HATCHERY.

	Sockeye.
Rivers Inlet lake.. . . .	10,981,000

KENNEDY LAKE HATCHERY.

	Sockeye.
Kennedy lake.. . . .	7,763,750

ANDERSON LAKE HATCHERY.

	Sockeye.
Anderson lake, Ternan creek	7,268,000

NIMPKISH HATCHERY.

(Operated by British Columbia Packers' Association.)

	Sockeye.
Nimpkish lake	4,981,000

APPENDIX 19.**REPORT ON FISH AND FISHERIES OF HUDSON STRAIT BASED ON OBSERVATIONS MADE DURING AN OFFICIAL PATROL, OCTOBER, 1912, TO SEPTEMBER, 1913, BY THOMAS TANNER, DOMINION CUSTOMS AND FISHERY OFFICER.**

The waters of Hudson strait so far as fisheries are concerned, may be regarded as a virgin area, and though no thorough investigation of these resources has been made, the result of my investigations from October, 1912, to September, 1913, shows that there are supplies of valuable fish which could be made of great market value and are well worth development.

The two difficulties are: 1st. The sparse population and consequent lack of fishermen; 2nd. The short season, which would involve all the work being done in a short time. These two difficulties can be easily overcome. The example of British Columbia proves this. The British Columbia coast had until recently a very limited population, and the runs of the principal fish were confined to a few months in the year. Notwithstanding that, the Pacific fisheries of Canada have developed enormously and in some years the catch of British Columbia salmon, halibut, &c., has exceeded that of cod and lobsters combined. Thus in 1910-11 salmon amounted to \$10,333,070, while lobsters and cod reached the value of \$8,991,963 (lobsters \$4,790,203, and cod \$4,201,760).

It may be noted that lobsters, mackerel, halibut, oysters and smelt do not occur so far as I was able to observe.

From a commercial standpoint the cod is the most important fish and there is no regular cod-fishing carried on. As Rev. S. M. Stewart informed me (to quote his own words), 'There is no limit to the quantity of cod fish.' 'Some years ago,' added Mr. Stewart, 'Newfoundland vessels were here, but none have come for the past eight or ten years.' A few small schooners from Newfoundland come up every year and get full loads of codfish and other fish.

The weather is perfect for fishing, but not so favourable for drying them on the spot, but the catches can be salted and taken home to the curing places just as is the practice of the Lunenburg fleet. As this is deep sea fishing no doubt a bounty could be authorized during the first few years when the industry is in its first stages of development. The sum of \$160,000 per annum is available 'to encourage the development of the sea fisheries and the building of fishing vessels,' as the title of Fishing Bounty Act states.

There are probably about 500 Eskimo who would be available as practised fishermen if the project of utilizing these cod fisheries was carried out and white men appointed to superintend the operations. Eskimo women are as expert at fishing as the men, and are accustomed to do as much work as the men, so that full crews could be relied upon and they are hard workers, steady and reliable, if under proper superintendence.

I am of opinion that such Eskimo fishermen and women would be far more reliable than the Indians of the Pacific coast. Wherever wages are offered to them they are found to be the best and most reliable workers to be obtained and as they are all British subjects and residents in territory belonging to the Dominion of Canada, they would be fully entitled to the benefit of the Fishing Bounty Act, in my opinion.

Port Burwell would be the best centre as it has two harbours, the inner and outer harbours, and there are the finest fishing grounds within easy reach on all sides. The Eskimo would come from other localities and camp at Port Burwell, although at the port itself there are always a number of Eskimos, say about 140 men, women and children. The chief method of fishing would be by baited trawls rather than by inshore traps and 8 to 12 weeks would cover the fishing season.

With respect to the salmon family three kinds occur including the true sea salmon, the salmon trout, sometimes called Arctic salmon ranging from 5 lbs. to 8 lbs; 'A fish,' Mr. A. P. Low says in his report on the *Neptune*, 1906, page 297, 'superior to the best Pacific salmon, and indeed of such good table qualities that there would be a great demand for it in the best markets. I found this fish delicious and of far better flavour than any other salmon or salmon trout that I ever tasted.'

The Eskimo have been accustomed to dam streams in the fall when the salmon trout are running up to spawn and they got their winter supplies in this way. During the summer months these fish are plentiful off the shores, not only along the south shores, but on the coast of Baffin Land, where I myself saw them on many occasions. Nets would require to be used to take them during the summer and I saw the nets which are used. I pointed out that the nets should be of larger mesh, not less than 5 inches, but they have used nets of $2\frac{1}{2}$ to 3 inches mesh. After my warning them that the Fisheries Act specified a larger mesh the agents of the Hudson Bay Company, and of the missions, promised to inform the Eskimo and as they make their own nets from twine bought at the stores, these nets will in future be of larger mesh as the law requires.

The chief export of salted salmon trout in barrels is to St. John's, Newfoundland, but the annual quantity put up could be vastly increased were the fishery systematically developed. There is no energy or enterprise at present and the fishing done is simply to supply the local needs of the posts, and winter food at the Eskimo camps, the fish being stored under rocks, covered with snow near their igloos or winter houses. The export is at present very limited.

There is a great future for a profitable industry if the enterprise was pushed by practical men. The cost of the fish is really nominal and the price realized in the market for these pickled salmon, would be more than double the cost. They might be frozen and shipped on refrigerator boats and it could not fail to pay well, as the fish are of such exceedingly fine quality. The supply is now unlimited and the price they would bring if properly handled would, without question, equal that of the best frozen salmon now retailed at 15 to 20 cents per pound. These Hudson Strait fish would be preferred to any of the Pacific salmon now on the markets.

The seal and white whale industries are capable of being better utilized. Both these animals yield the finest oil which when refined is in demand as one of the best machine lubricating oils, while the skin makes excellent leather and the Eskimo boots and clothing made from it are very lasting, flexible and of fine texture. No leather is more serviceable. The meat is always in demand for food for the Eskimo tribes and their dogs, and they keep a supply frozen to meet their winter requirements.

The whaling has so declined that practically few or no whalers frequent these regions, in contrast to the great and active whaling industry carried on for over a hundred years by whalers from Scotland, the United States and from Gaspé and a few other posts in Canada.

The Hudson Bay Company also tried whaling according to their records which I saw, but they found it did not pay, and have long ceased to carry on this fishery. I saw five whales in the strait which were declared to be the valuable right whale or bow-head. Owing to the absence of whalers I did not issue any licenses, though I was prepared to collect fees and distribute whaling licenses in accordance with the instructions given me by the Department.

As the various parties I met seemed anxious to know what the Dominion Fishery Regulations are, I prepared and circulated a suitable copy of the laws extracted from the Fisheries Act, chapter 45, and I saw every evidence that the agents and the Eskimo tribes would pay every attention to these regulations. The tribes are most law-abiding and only need to be informed as to the law in order to obey it.

I may add that I resided in this northern area from October, 1912, to September, 1913, and I visited Baffin Land and other distant places along the strait.

THOMAS TANNER.

OTTAWA, October, 1913.

APPENDIX No. 20.

THE OUTSIDE STAFF OF THE FISHERIES BRANCH

LIST OF INSPECTORS OF FISHERIES IN THE DIFFERENT PROVINCES
OF THE DOMINION, 1912-13.

Names.	P. O. Address.	Extent of Jurisdiction.
McLeod, A. G.	South Gut, St. Ann's, N.S.	District No. 1.—Cape Breton Island.
Hockin, Robt.	Pictou, N.S.	District No. 2.—Cumberland, Colchester, Pictou, Antigonish, Guysboro', Halifax and Hants counties.
Fisher, Ward.	Shelburne, N.S.	District No. 3.—Lunenburg, Queens, Shelburne, Yarmouth, Digby, Annapolis and Kings counties
Calder, John F.	Campobello, N.B.	District No. 1.—The counties of Charlotte and St. John.
Chapman, Robt. A.	Moncton, N.B.	District No. 2.—Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert counties.
Harrison, H. E.	Fredericton, N.B.	District No. 3.—Kings, Queens, Sunbury, York, Carleton and Victoria counties.
Matheson, J. A.	Charlottetown.	Prince Edward Island.
Wakeham, Wm., M.D.	Gaspé Basin, Que.	Lower St. Lawrence river and gulf.
Bernard, C. A.	St. Césaire.	Eastern Townships.
Riendeau, Jos.	Longueuil, Que.	The counties of the province of Quebec bordering on the St. Lawrence from Huntingdon to Three Rivers.
Foster, T. J.	Sault-Ste. Marie, Ont.	The districts of Rainy River, Thunder Bay, Algoma, Nipissing, Parry Sound, Muskoka; and the counties of Simcoe, Grey and the Georgian bay side of Bruce county to Cape Hurd, including the waters of and around Manitoulin island and islands in its vicinity, as well as the waters of Georgian bay, North channel, and the Canadian waters of Lake Superior.
Sheppard, O. B.	Toronto, Ont.	That portion of the county of Bruce bordering on Lake Huron from Cape Hurd south, and the waters within the said county, as well as the counties of Huron, Lambton, Essex, Kent, Elgin, Norfolk, Haldimand, Welland, Middlesex, Oxford, Perth, Brant, Waterloo, Wellington and Dufferin, and the Canadian waters of Lakes Huron, St. Clair and Erie, and connecting waters and Niagara river down to Niagara falls.
Hurst, J. S.	Belleville, Ont.	The remainder of the province of Ontario, embracing the Canadian waters of Niagara river from Niagara falls, as well as the Canadian portion of Lake Ontario and the St. Lawrence river, and the Ontario half of the Ottawa River up to, and including, the portion thereof in the county of Renfrew, as well as the whole of Lake Simcoe.
Howell, Capt. J. A.	Selkirk, Man.	Province of Manitoba and the district of Keewatin.
Miller, E. W.	Fort Qu'Appelle.	{ " Saskatchewan. } Chief
MacDonald, G. C.	Prince Albert, Sask.	{ " Alberta and district of McKenzie. } Inspector.
Wilson, Justus.	Noyes Crossing, Alta.	Province of Saskatchewan.
Payson, C. C.	Dawson City.	Northern Alberta.
Cunningham, F. H.	New Westminster.	Yukon District.
A. P. Halladay.	"	Province of British Columbia—Chief Inspector for the Province.
Williams, J. T.	Port Essington.	Province of British Columbia—Assistant Inspector—No. 1, Southern district.
Taylor, E. G.	Nanaimo.	Province of British Columbia—No. 2, Northern district.
		" " " No. 3, Vancouver Island.

4 GEORGE V., A. 1914

LIST OF FISHERY OFFICERS IN THE DOMINION OF CANADA,
1912-13.*

NOVA SCOTIA.

Annapolis County.

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
Purdy, Walter.....	Deep Brook	Annapolis County.

Antigonish County.

McDougall, Hugh	Cross Roads, Ohio..	Antigonish County.
-----------------------	---------------------	--------------------

Cape Breton County.

King, H. A.....	Little Bras d'Or	Cape Breton County.
Gillis, D. M	Grand Mira.....	" "
McCuish, John.....	Bateston.....	" "
Hall, Edward	Main-à-Dieu.....	" "
McDonald, Allan.....	Gabarouse Lake.....	" "
McLean, Murdock.....	Leitches Creek.....	" "
McDonald, Angus	Port Morien.....	" "
Sullivan, Timothy.....	Florence, Sydney M.	" "

Colchester County.

Marsh, Lowell.....	Central Economy....	Colchester County.
Langille, B. S.....	Tatamagouche.....	"
McCleave, J. H.....	Lower Stewiacke ...	"

Cumberland County.

Angevine, Frank.....	Middleboro.....	Cumberland County.
Hunter, Clark T.....	Linden.....	"
Holmes, Capt. D. W.....	Parrsboro.....	"
Kirwin, Frank.....	Wallace.....	"
Smith, R. S.....	Pugwash.....	"
Thompson, Gay.....	Oxford...	"

Digby County.

Torrie, G. E.....	Digby.....	Municipality of Digby, Digby county.
Aymar, Wm.....	Meteghan.....	Municipality of Clare. "

Guysboro County.

Dillon, John A.....	Guysboro.....	Guysboro County.
Cooper, R. V.....	Wine Harbour.....	"

Halifax County.

Gaston, Robt.....	Tangier.....	Halifax County.
Kennedy, Thos.....	Hubbards.....	"
Rowlings, George.....	Musquodoboit Harb.	"

* Revised up to October 1913.

SESSİONAL PAPER No. 22

LIST of Fishery Officers in the Dominion of Canada—*Continued.*NOVA SCOTIA—*Continued.**Hants County.*

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
Cochrane James.....	St. Croix.....	Hants county.
McDonald, Chas.....	Shubenacadie.	"

Inverness County.

LeBlanc, Lazare.....	Eastern Harbour....	From Big Pond lobster factory north, including Chetivcamp, Eastern Harbour, Little River, Pleasant Bay and Pollets Cove.
Cody, M. J.	S. W. Margaree.	Inverness coast from Broad Cove Chapel to Delany's Cove, also East lake Ainslie and streams, Loch Ban, S. W. Margaree river and tributaries, and Margaree river from forks of Margaree harbour.
Ross, Jas. J.	N. E. Margaree.	Coast of Inverness Co., from Delany's Cove northward, including Big Pond, Eastern Hr., &c. also N. E. Margaree river from Margaree forks to source, and all other streams to Victoria Co. line.
McLellan, D. N.	Dunvegan	Inverness county.
McIntosh, Geo. P.	Pleasant Bay	Coast of Inverness Co. extending from Pleasant Bay to Meat Cove (inclusive).
McLennan, Jno. B.	Kingsville	Inverness Co.
McDonald, A. J.	Seaside, Port Hood .	W. division coast south of Mabou Hr., including S. W. Mabou river, Port Hood, Judique, Long Pt., Pt. Hastings and Hawkesbury, to N. W. arm River Inhabitants in interior; and north side Victoria Co., from J's. McKinnon's to Whycomomagh bay: and through Glencoe and S. W. ridge of Mabou to Mabou bridge.

Kings County.

Chute, Capt. Edward....	Canada Creek.	Kings county.
Reid, Reuben F.	Wolfville.....	"
Rathbone, C. F. A.	Hortonville.....	"

Lunenburg County.

Hebb, L. J.	Lunenburg.....	Lunenburg county.
Evans, Austin.....	Chester.....	"

Pictou County.

Sutherland, Robert	River John.....	Western division Pictou Co., comprising coast water from Colchester Co. line to Cole's reef, Pictou Hr. and streams flowing into it, viz., River John and tributaries, Toney river, and Big and Little Cariboo rivers.
Germain, Wm.	Rudway.....	Pictou county.
McDonald, D. L.	Bailey's Brook.....	Pictou county.
Pritchard, A. O.	New Glasgow.....	Pictou harbor, Pictou island, East, West and Middle rivers, Pictou Co.

4 GEORGE V., A. 1914

LIST of Fishery Officers in the Dominion of Canada—*Continued.*NOVA SCOTIA—*Concluded.**Queens County..*

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
Fraser, W. E.....	Liverpool.....	Queens county.
Young, Chas.....	Mill Village.....	"

Richmond County..

Sampson, Anthony.....	Lower L'Ardoise...	That portion of sea coast, lakes and inland waters lying east of St. Peter canal.
Boudrot, Capt. Sylvester	Petit de Grat.....	Coast and inland waters of Isle Madame, including southerly half of waters of Lennox passage.
Thibreau, P. J.....	Thibeaupville.....	Richmond county.

Shelburne County.

Stoddard, Henry.....	Shag Harbour.....	From and including Clyde river to Yarmouth Co. line.
Walls, George.....	Shelburne.....	Shelburne county.

Victoria County.

Campbell, Jno. M.....	Care Marine Agent at Halifax.....	St. Paul's island.
McAulay, Allan.....	Big Baddeck.....	Victoria county.
Hellen, Wm.....	Cape North.....	Northern part of Victoria county.
Morrison, Alex.....	Wreck Cove.....	Englishtown north to Smoky cape at South Ingonish.
McDonald, Murdo.....	Big Bras d'Or.....	Big Bras d'Or north to Englishtown.
Donovan, J. T.....	Ingonish.....	North and South Ingonish, including Ingonish island.
McDonald, Wm. A.....	Brook, Middle River	Victoria island.

Yarmouth County.

D'Entremont, J G.....	Middle, W. Pubnico.	Yarmouth county.
-----------------------	---------------------	------------------

NEW BRUNSWICK.

Albert County.

Conner, N. D.....	Alma.....	Albert county.
-------------------	-----------	----------------

Charlotte County.

Worrell, Robert.....	St. Andrews.....	Waters in vicinity of St. Andrews, extending from Owen head to Oak bay.
Fraser, W. A.....	Woodward's Cove, Grand Manan....	Island of Grand Manan, and waters surrounding the same.
Brown, Burden.....	Wilson's Beach....	Campobello, and the West isles, Charlotte Co.
Lord, C. H.....	Lord's Cove, Deer Isl	West Isles.
Justason, E. C.....	Pennfield.....	Charlotte county.
McNichol, Elgin.....	Letete.....	"
Daley, Patrick.....	Lepreaux.....	"

SESSIONAL PAPER No. 22

LIST of Fishery Officers in the Dominion of Canada—*Continued.*NEW BRUNSWICK—*Continued.**Gloucester County.*

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
Canty, Thomas.....	Bathurst.....	Gloucester county.
Doucet, Jas. P.....	Elm Tree.....	"
Arseneau, Edmond.	Inkerman.....	"
Sewell, Edmund.....	Pokemouche.....	"
Mourant, John A.....	Caraquette.....	"
Ache, Adolphe.....	Shippegan.....	"

Kent County.

Hannah, Wm F.....	Richibucto.....	Kent county.
Allain, P. A.....	Buctouche.....	Coast line and inland waters of the parishes of Wellington and St. Marie.
Despres, E. T.....	Cocagne Bridge.....	Kent county.

Madawaska County.

Gagnon, L. A.....	Edmundston.....	Madawaska county.
-------------------	-----------------	-------------------

Northumberland County.

Abbott, Lemuel H.....	Chatham.....	Both shores of Miramichi river from Point au Quart on south and Oak point on north to junction of N.W. and S.W. Miramichi rivers, with all islands therein and tributary streams.
McDonald, Ronald.....	Bayside.....	Northumberland county.
Williston, Wathan..	Baie du Vin.....	"
Parker, L. P.....	Derby.....	"
Sutherland, M.....	Red Bank.....	"

Queens County.

Holmes, Wm.....	Gagetown.....	Queens county.
Worden, A. C.....	Cody's.....	"

Restigouche County.

Hamilton, Wm C.....	Black Lands... ..	Baie des Chaleurs, and tributaries, from Belledune to Dalhousie.
Ferguson, Ebenezer.....	Pointe La Nim.....	Restigouche river and its tributaries in the counties of Restigouche and Victoria.
Mowat, Max.....	Campbellton.....	Restigouche county.

Sunbury County.

Babitt, Fred.....	Swan Creek.....	St. John River from Indianatown, Sunbury county, to the county line of York.
-------------------	-----------------	--

St. John County.

Brittain, B. B.....	55 Middle street, St. John West.....	St. John county.
---------------------	--------------------------------------	------------------

4 GEORGE V., A. 1914

LIST of Fishery Officers in the Dominion of Canada—*Continued.*NEW BRUNSWICK—*Concluded.**Victoria County.*

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
LeClair, Joseph.....	Grand Falls.....	Victoria county.

Westmorland County.

Vienneau, Siffroid	Dupuis Corner. ...	Coastal and inland waters of parish of Shediac, and portion of Botsford parish, north of Big Shemogue Hr., and road from same to near Bristol corners, past Bristol corners and Lowthers to parish of Sackville, with jurisdiction in parishes of Moncton and Salisbury.
Melanson, Siméon	Pré-d'en-haut.....	Parish of Dorchester, including Petitcodiac river.
Prescott, Robert.....	Baie-Verte.....	Part of Botsford parish, county of Westmorland.
Prescott, Joseph.....	"	Parishes of Westmorland and Sackville.

York County

McKay, James D.....	Fredericton.....	York county.
---------------------	------------------	--------------

PRINCE EDWARD ISLAND.

Kings County.

Keays, John.....	Souris	Kings county.
------------------	--------------	---------------

Prince County.

Davison, John	Bedeque	Prince county.
Quinn, Geo.....	Bloomfield.....	"

Queens County.

McAulay, A. C.	Tracadie Cross.....	Queens county.
---------------------	---------------------	----------------

PROVINCE OF QUEBEC.

Gaspé County.

Kennedy, Frederick ...	Douglastown.	That portion of the province south of the St. Lawrence, to and including county of Bellechasse, but specially the counties of Bonaventure and Gaspé.
Migneault, T.	140 St. Francois St., Quebec.	From Quebec to the Saguenay River on the north shore and from Quebec to Rimouski on the south shore.

Magdalen Islands.

Chiasson, Cirice.....	House Harbour. ...	Magdalen islands.
Chevrier, J. A.....	Havre Aubert ...	That part of Magdalen islands comprising Entry, Amherst and Grindstone islands, also Harbour Basque lagoons.

SESSIONAL PAPER No. 22

LIST of Fishery Officers in the Dominion of Canada—*Continued.*PROVINCE OF QUEBEC—*Continued.**Saguenay County.*

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
Blais, Alex.....	(Winter Address), Levis. (Summer address), Long Pt. Bradore, via New- foundland.....	From Blanc Sablon to Shikatika, (Bonne-Espérance district).
Comeau, Nap. A.....	Godbout.....	From Jambons to Tadoussac (Godbout district).
Cormier, Achille	(Winter address), Esquimaux Point. (Summer) Romaine via Natashquan.	From Cape Whittle to Natashquan Point, (Romaine district).
Joncas, Richard	Natashquan.....	From Natashquan to Ste. Geneviève (Natashquan, district).
LeBlanc, Eusèbe.....	Esquimaux Point...	From Ste. Geneviève to Pigon (Mingan district).
Evans, Thos.....	St. Augustin.....	From Shikatika to Cape Whittle (St. Augustin district).
Levesque, Elzéar. . . .	Seven Islands.....	Ste. Marguerite, Seven isles, Moisie and Pigeon.

MANITOBA.

White, C. L.....	Winnipegosis.....	Manitoba.
Stevenson, E. H.....	Le Pas.....	Keewatin district.
Daly, Daniel S.	Selkirk.....	Manitoba.

SASKATCHEWAN.

Thom, A. K.....	Wadena.....	Wadena district.
Hunter, G. S.....	Dilke Lake.....	District of Long lake, Qu'Appelle river, bounded on south by base line Tp. No. 16, on north by Tp. No. 30, on east by east side of Range 19, and on west by west side of Range 27, all west of 2nd meridian.
Whitley, Jno. M.....	Durlingville.....	Cold and Primrose lakes and vicinity.
Fitzgerald, Ira.....	Meota.....	Jackfish lake district.
Clarke, Thos.....	Montreal Lake P.O.....	Red Deer Lake and Lac la Rouge District.
Beatty, Edward.....	Green Lake P.O.....	Isle la Crosse district.

ALBERTA.

Hoad, Nelson J.....	Calgary.....	Southern Alberta.
Wood, Ingram.....	Wetaskiwin.....	Pigeon lake, etc.
Potts, R. H.....	Grouard.....	Lesser Slave lake and vicinity.

4 GEORGE V., A. 1914

LIST of Fishery Officers in the Dominion of Canada—*Concluded.*

BRITISH COLUMBIA.

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
Galbraith, W. M.	14 Ridge Road, Victoria.	Cowichan river district.
McLeod, John.....	Nelson.....	Kootenay district.
Sangstad, Gunner.....	Rivers Inlet.....	Rivers Inlet district.
Norrie, Stewart.....	Prince Rupert.....	Prince Rupert district.
Adamson, W. T.....	Naas.....	Naas river district.
Widsten, John.....	Bella Coola.....	Bella Coola and Kinsquit districts.
Harrison, Chas.....	Masset.....	Queen Charlotte islands.
Roberts, Benjamin.....	Vernon.....	Yale district.
Shotton, Horatio.....	Kamloops.....	Kamloops district.
Champion, L. F.....	150 Mile House.....	Lillooet district north of Clinton, Caribou and Cassiar (Inland).
Boyd, Jas.....	Vancouver.....	Central Division, district No. 2.
Grice, John.....	Clayoquot.....	Clayoquot Sound district.
Wood, J. B.....	Alberni.....	Alberni district.
Colvin, R. M.....	Cowichan Station.....	Cowichan district.
McIndoo, Harry.....	Nanaimo.....	Nanaimo district.
Mason, John.....	Courtenay.....	Comox district.
Lloyd, A. F.....	Quathiaska.....	Campbell river district.
Lucas, Alex.....	Alert Bay.....	Alert bay district.
Newland, Arthur.....	Welcome Pass.....	Pender harbour district.

LIST OF OFFICERS IN CHARGE OF GOVERNMENT FISH
HATCHERIES, ETC., 1912-13.

Name.	P.O. Address.	Province.	Rank.
Walker, John.....	Ottawa.....	Ontario.....	Officer in charge Government Hatchery.
McLeod, A. W.....	Newcastle.....	".....	"
Parker, Wm.....	Sandwich.....	".....	"
Eldridge, W. J.....	Warton.....	".....	"
Laschinger, A. G.....	Sarnia.....	".....	"
McNab, A. J.....	Port Arthur.....	".....	"
McDougall, A.....	Southampton.....	".....	Acting Officer in charge.
Mathew, Clark.....	Collingwood.....	".....	Officer in charge Government Hatchery.
Audet, L. A.....	Magog.....	Quebec.....	"
Catellier, J. N.....	Tadoussac.....	".....	"
Lindsay, R. C.....	Gaspé Basin.....	".....	"
Elliott, Joseph.....	St. Alexis des Monts.....	".....	"
Meilleur, Joseph.....	Mont Tremblant.....	".....	"
Belknap, W. G.....	Baldwin Mills.....	".....	"
Mowat, Alexander.....	Campbellton.....	New Brunswick.....	"
McCluskey, F. J.....	Grand Falls.....	".....	"
Sheasgreen, Isaac.....	South Esk.....	".....	"
Brittain, B. B.....	St John West.....	".....	"
Ogden, Alfred.....	Bedford Basin.....	Nova Scotia.....	"
McDermid, Donald.....	N. E. Margaree.....	".....	"
Burgess, Frank.....	Windsor.....	".....	"
Holroyd, A. W.....	Winsloe Station.....	P. E. Island.....	"
Paulson, C. P.....	Selkirk.....	Manitoba.....	"
Grenon, Jos. O.....	Winnipegosis.....	".....	"
Johnston, J. B.....	Victoria.....	British Columbia.....	"
Mitchell, D. S.....	Kualt.....	".....	"
Graham, T. W.....	Lillooet.....	".....	"
Robertson, Alex.....	Harrison Springs.....	".....	"
Hamer, J. N.....	Rivers Inlet.....	".....	"
Gibbs, H. L.....	Hazleton.....	".....	"
Crawford, H. C.....	".....	".....	"
Castley, J. H.....	Duncans.....	".....	"
Martin, J. E.....	Clayoquot.....	".....	"
Bothwell, David.....	Uchucklesit.....	".....	"
Kemp, Ernest.....	Charlottetown.....	P. E. Island.....	Dominion Oyster Expert.

SESSIONAL PAPER No. 22

LIST of Officers in Charge of Fisheries Patrol Boats, 1912-13.

Name.	Boat.
David Stewart.....	<i>Davies.</i>
Joseph Foster.....	Patrol Boat No. 1.
Silas Mitchell.....	Patrol Boat No. 2.
C. A. Goodwin.....	<i>Hudson.</i>
Guardian D. N. Forbes.....	<i>Richmond.</i>
W. S. Arseneault.....	<i>Tanner.</i>
Inspector T. J. Foster.....	<i>Kathleen.</i>
Ralph Forrest.....	<i>Lady of the Lake.</i>
Wm Dauphinee.....	<i>Elk.</i>
Guardian Jas J. Wilson...	<i>Flatiron.</i>
Wm Duncan.....	<i>Georgia.</i>
Thos Hembrough.....	<i>Swan.</i>
Wm C. Moore.....	<i>Semiahmo.</i>
Chas Moore.....	<i>Restless.</i>
H. L. Landry.....	<i>Hawk.</i>
James Wilkinson.....	<i>Kayak.</i>
Overseer John Widsten.....	<i>Kingfisher.</i>
W. P. Flewin.....	<i>Linnet.</i>
Overseer Saugstad.....	<i>Merlin.</i>
A. O. Copp.....	<i>Falcon.</i>
F. C. Laird.....	<i>Alcedo.</i>

The steamer "Princess", used in the Gulf of St. Lawrence, is under the command of Inspector Wakeham.



